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***Description of Plan Group:***

**Robinson Park Dam and Swimming Pool**

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***Date of Plan:*** 1938

***Date Plan Approved:*** 1938

***Highway Book #:*** ch11

***Highway Page #:*** 001

***Commissioners Reference Book #:***

***Commissioners Reference Page #:***

***Public Notes:***



**Plan Original Book and Page:     ch11001**

**Name of specific Plan:**

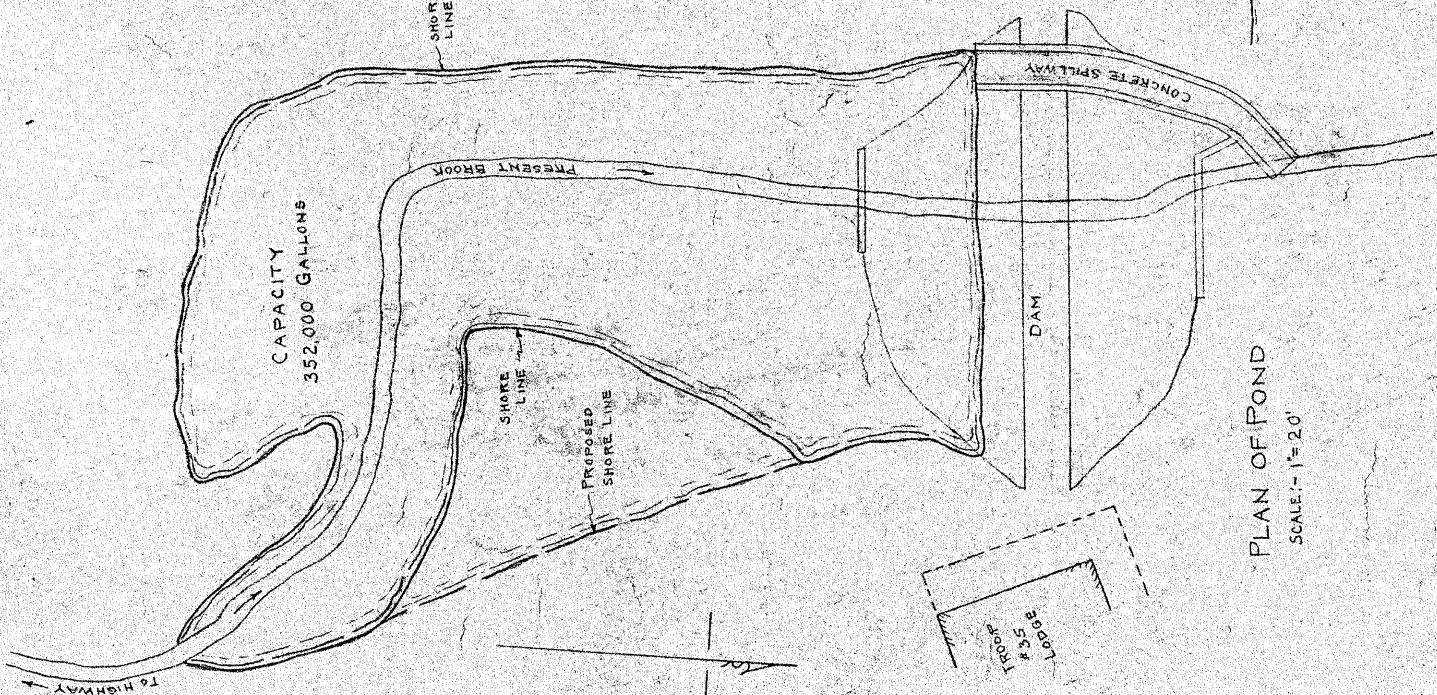
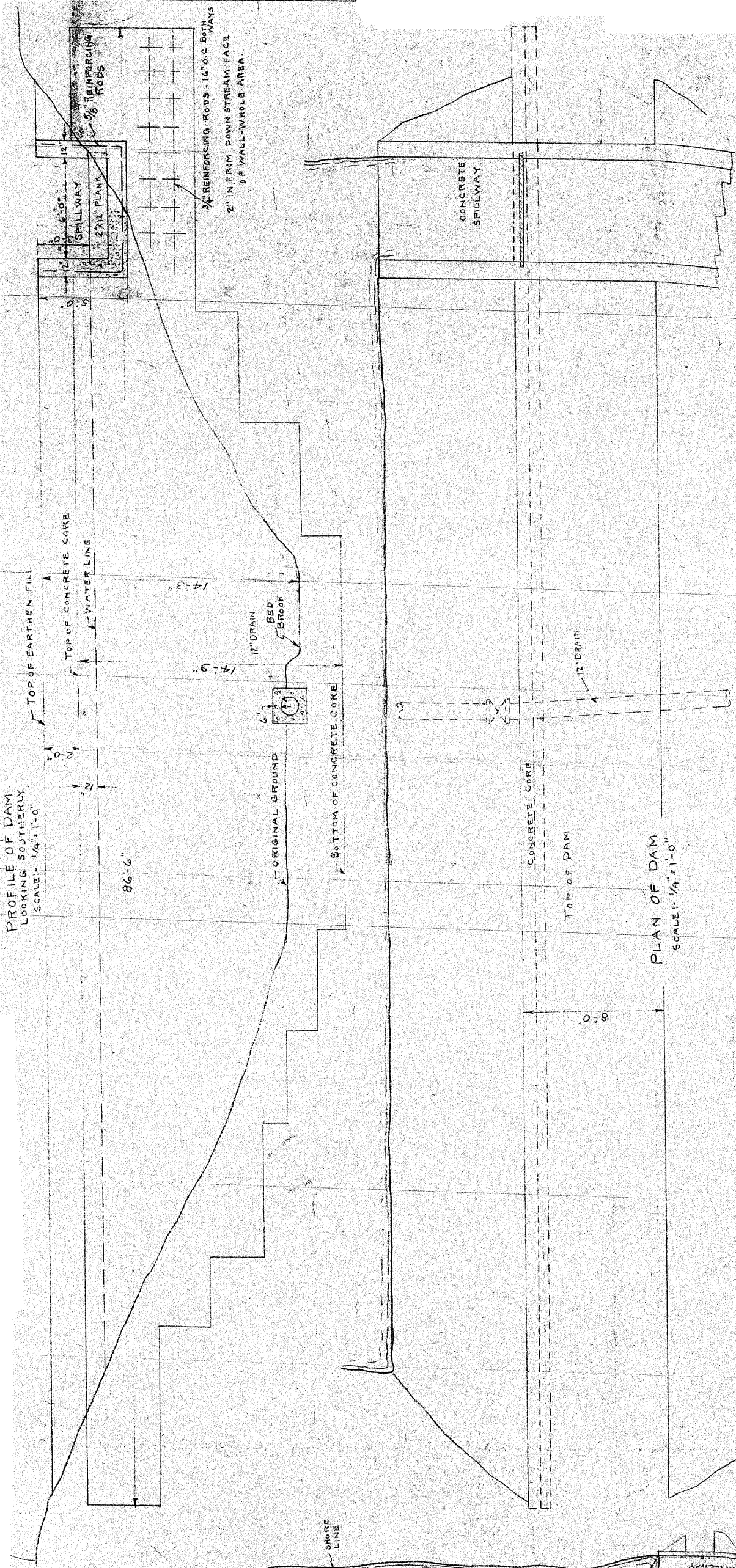
**Robinson Park Dam and Swimming Pool**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Westfield</b>
<b>Dam</b>	<b>John Robinson Dam</b>
<b>Dam</b>	<b>Camp John Robinson Dam</b>
<b>Person</b>	<b>Robinson, John</b>

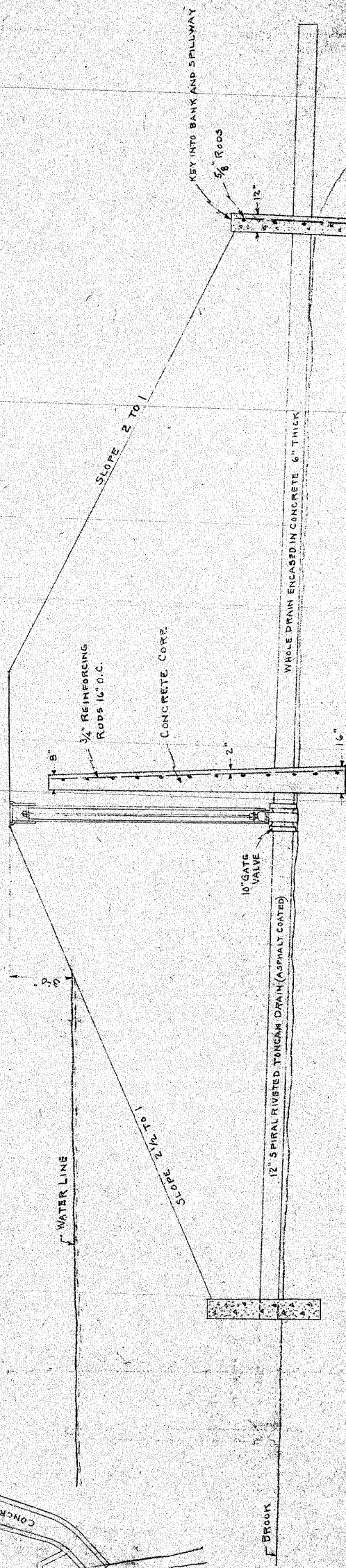


PROFILE OF DAM  
LOOKING SOUTHERLY  
SCALE: 1/4" = 1'-0"



PLAN OF POND  
SCALE: 1" = 20'

PLAN OF DAM  
SCALE: 1/4" = 1'-0"



SECTION OF DAM  
LOOKING WESTERLY  
SCALE: 1/4" = 1'-0"

"Revised Plan"  
Commonwealth of Massachusetts - Hampden, ss  
Filed, April 26, 1938  
Attest: *Charles H. Allen* Clerk

Approved - May 11, 1938  
*Thomas W. Gentry* County Commissioners  
*Charles H. Allen* County Commissioners

PLAN OF  
PROPOSED SWIMMING POOL  
CAMP JOHN ROBINSON  
WESTFIELD MASS  
JULY 1937  
F.B. SHERMAN - ENGINEER - SPRINGFIELD, MASS.

REVISOR APR. 1938

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***Description of Plan Group:***

**Fairview Fish & Game Club Dam on Willimansett Brook**

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***Date of Plan:*** 1938

***Date Plan Approved:*** 1938

***Highway Book #:*** ch11

***Highway Page #:*** 002

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 156



***Public Notes:***

**Also See - Book 11 Page 37. See also: Dams - (Chicopee) "Fairview Fish & Game Association Inc Dam" - D05011.**

**Plan Original Book and Page:     ch11002**

**Name of specific Plan:**

**Fairview Fish & Game Club Dam on Willimansett Brook**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Fairview Fish &amp; Game Club</b>
<b>Abutters</b>	<b>Fairview Sportsmen's Fish &amp;</b>
<b>Abutters</b>	<b>Pine Tree Acres</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Dam</b>	<b>Fairview Sportsmen's Fish &amp;</b>
<b>Dam</b>	<b>Dam on Willimansett Brook at</b>
<b>Water</b>	<b>Willimansett Brook</b>

**Plan Original Book and Page:     ch11003**

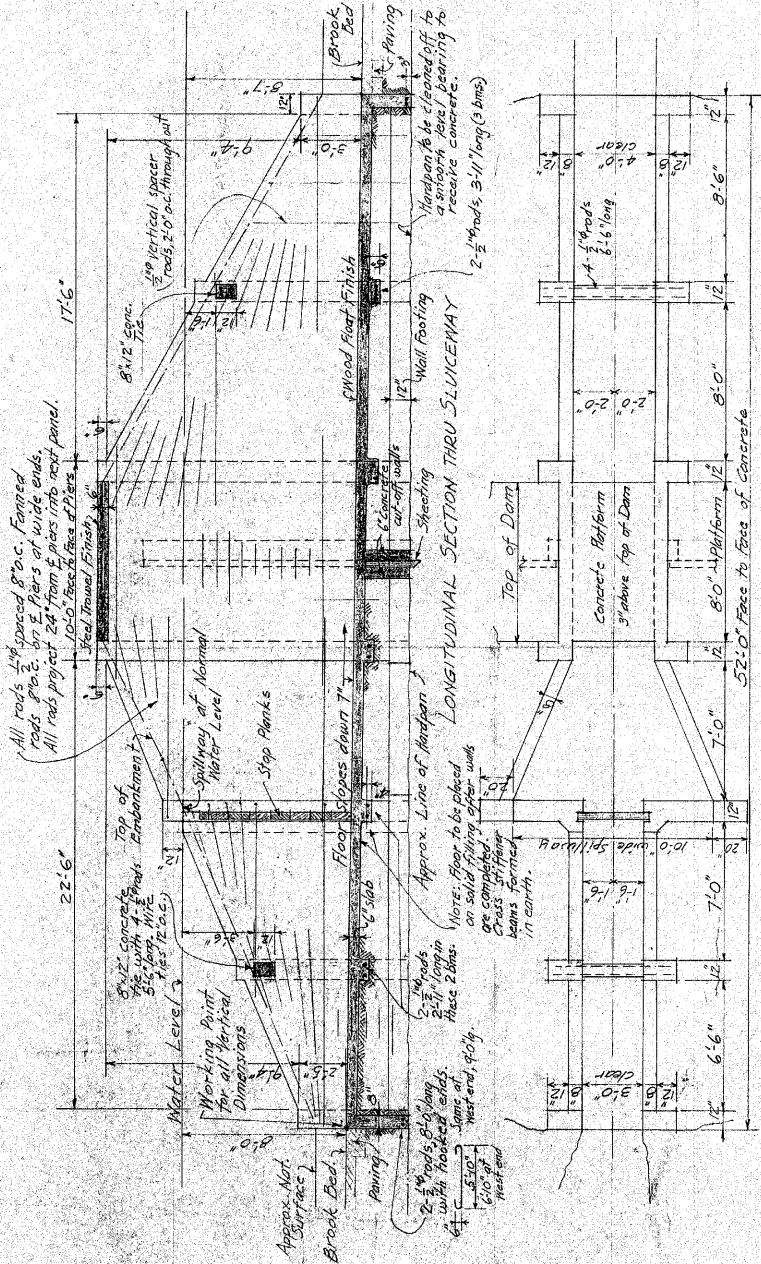
**Name of specific Plan:**

**Revised Layout of Dam for Fairview Sportsmen's Fish & Game  
Association Inc on Willimansett Brook at Pine Tree Acres -  
Chicopee, Mass**

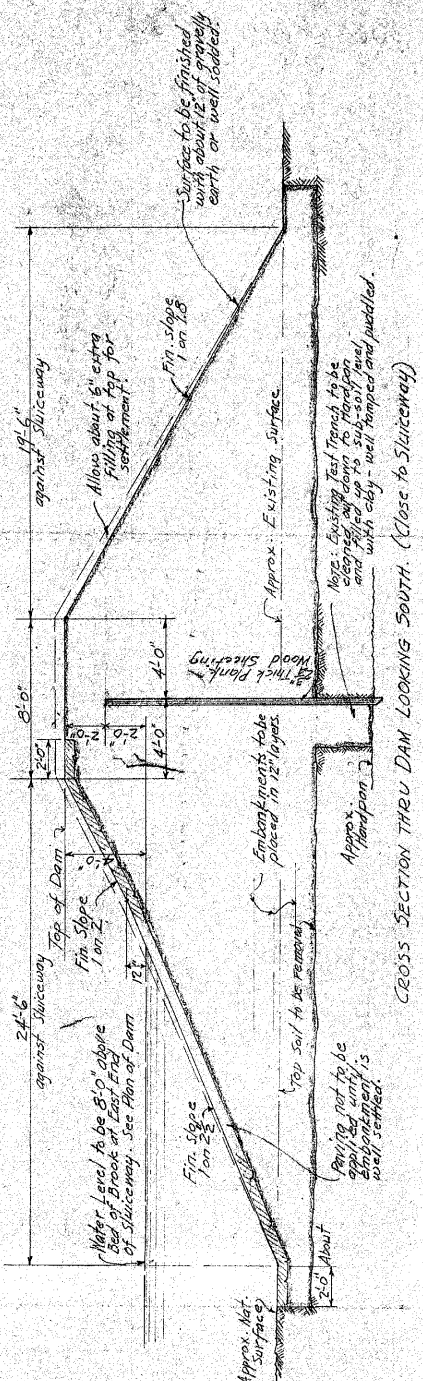


<u>Category</u>	<u>Index</u>
City/Town	Chicopee

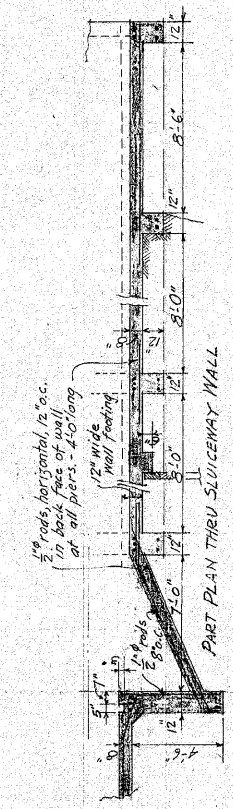




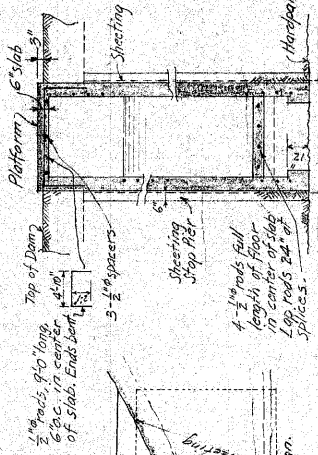
PLAN OF TOP OF SLUICeway



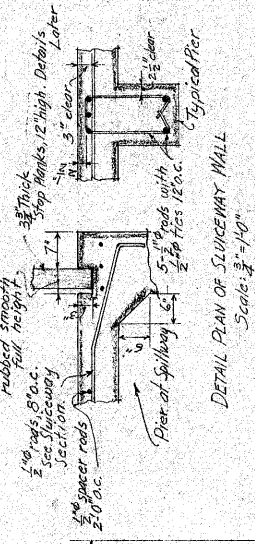
CROSS SECTION THRU DAM LOOKING SOUTH. (Close to Silicutway)



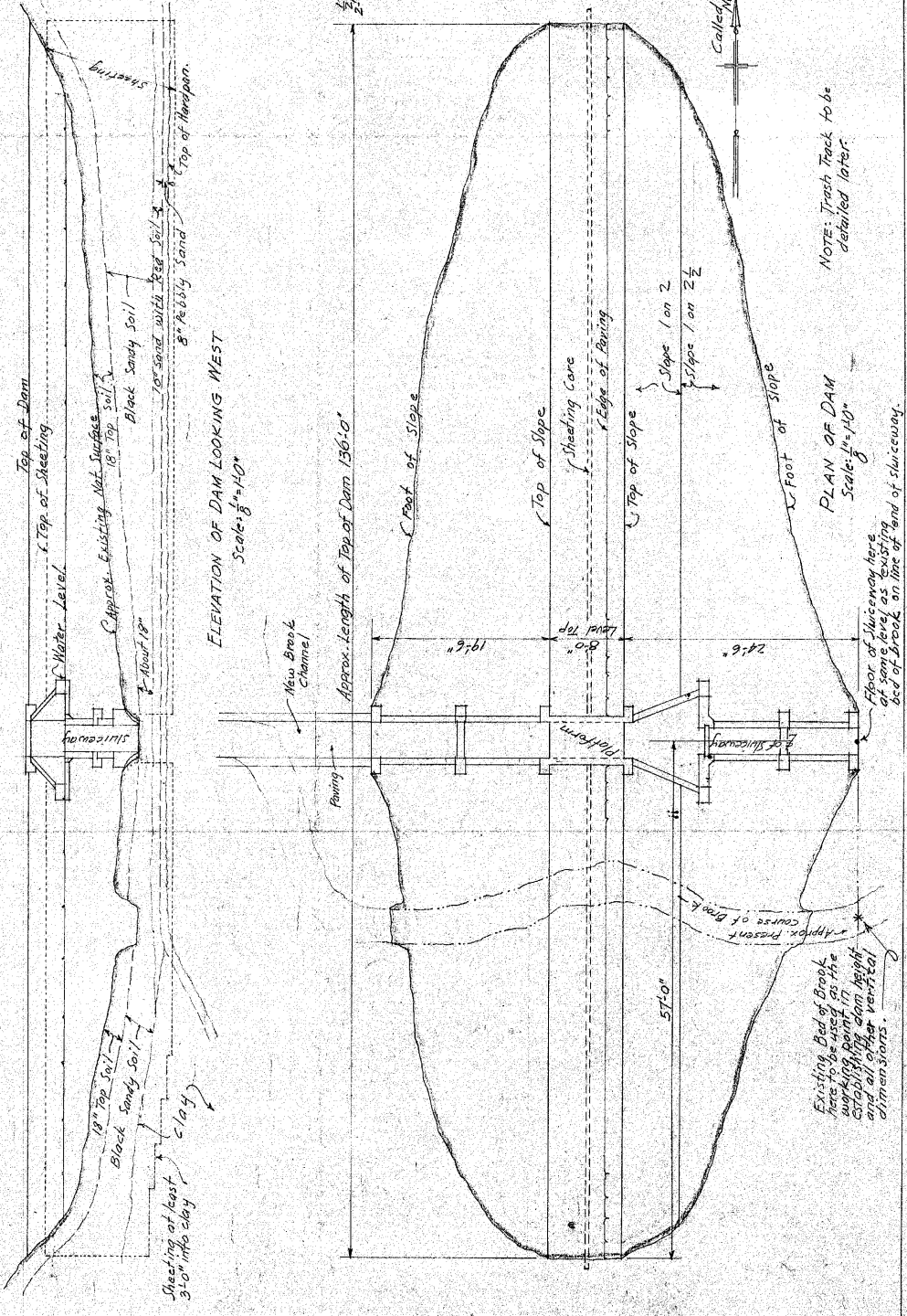
II  
PART PLAN THRU SLUICeway WALL



CROSS SECTION THRU SLUICeway



DETAIL PLAN OF SLUICeway WALL



PLAN OF DAM  
Scale: 1/4" = 1 ft

SPECIFICATION

**EXCAVATION** - All top soil (approx. 18" thick) shall be removed over entire area to be covered by dam embankments. All tree stumps and large roots shall be removed and roots over 1½" in diameter shall be cut off at least 2'-0" below surface of sub-soil and holes plugged with tamped clay. Test trench already excavated shall be treated as noted.

**FILLING** - Materials for dam embankments shall be good quality earth of clayey consistency, free from large stones, roots or any other pocket-forming matter. Sandy or gravelly material may be used on down-stream embankment only.

Earth shall be placed in layers not more than 12" thick and each layer thoroughly rolled or tamped, while wet. Layers shall be placed at approximately the same level, at all times, that is, east and west of shooting and north and south of shooting, so that pressures will be balanced throughout the work.

CORE — Material for shooting core shall be dense Southern Yellow Pine, Structural Square Edge & Sound grade, planing, either planed or rough, tongued and grooved, straight and free from splits and other irregularities.

Planks shall be thoroughly water-soaked before placing and shall be driven solid into hardpan or to approx. hardpan level where bottom is clay. Planks shall be tightly drawn together and tied with heavy wood strappings required to maintain position. Driving shall start at concrete sluseway and work toward ends.

**CONCRETE WORK**—All concrete in sluiceway shall be 1-2-4 mix, using first quality standard Portland cement, clean, sharp sand and hard, dirt-free stone (trap rock) cast over 15 days. Materials shall be accurately measured, thoroughly mixed, using only enough water to allow mixture to flow when panned, and carefully placed in forms. All corners, angles, sloping surfaces etc. must be soaked and rammed to insure that all parts of forms are full and free from voids.

Forms shall be accurately and substantially made and securely braced and must be strong enough to carry the liquid concrete without movement. Joints must be tight enough to hold the liquid mass without appreciable leakage. Debris must be removed from bottom of forms before pouring.

Reinforcing steel shall be intermediate grade deformed bars, accurately cut to length and properly placed in the forms, wired as required to hold securely against movement from weight of liquid concrete.

After forms are removed concrete shall be covered to protect from sun and shall be kept wet for at least one week.

REVISED LAYOUT OF  
DAM FOR

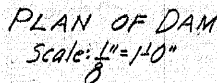
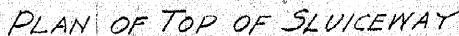
FAIRVIEW SPORTSMEN'S FISH & GAME ASS'N INC.

ON WILLIMANSETT BROOK AT PINE TREE ACRES  
WILLIMANSETT — \* — MASS.

June 1<sup>st</sup> 1938  
Revised July 5, 1938

Robert G. Jackson-Engineer.  
Cambridge, Mass.





NOTE: Trash Track  
detailed later.

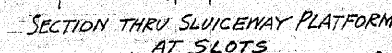


Attest: Charles H. Edmunds  
Clerk

Clerk



Scale:  $\frac{3}{4}'' = 1'-0''$



Scale:  $\frac{3}{4}" = 1'-0"$

June 1<sup>st</sup> 1938

Robert G. Jackson-Engineer.  
Cambridge, Mass.



Attest: Charles M. Calhoun  
Clerk





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***Description of Plan Group:***

**Dutton Bridge (reconstruction)**

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***Date of Plan:*** 1938

***Date Plan Approved:*** 1938

***Highway Book #:*** ch11

***Highway Page #:*** 004

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 012

***Public Notes:***

**Station 106+67**



**Plan Original Book and Page:     ch11004**

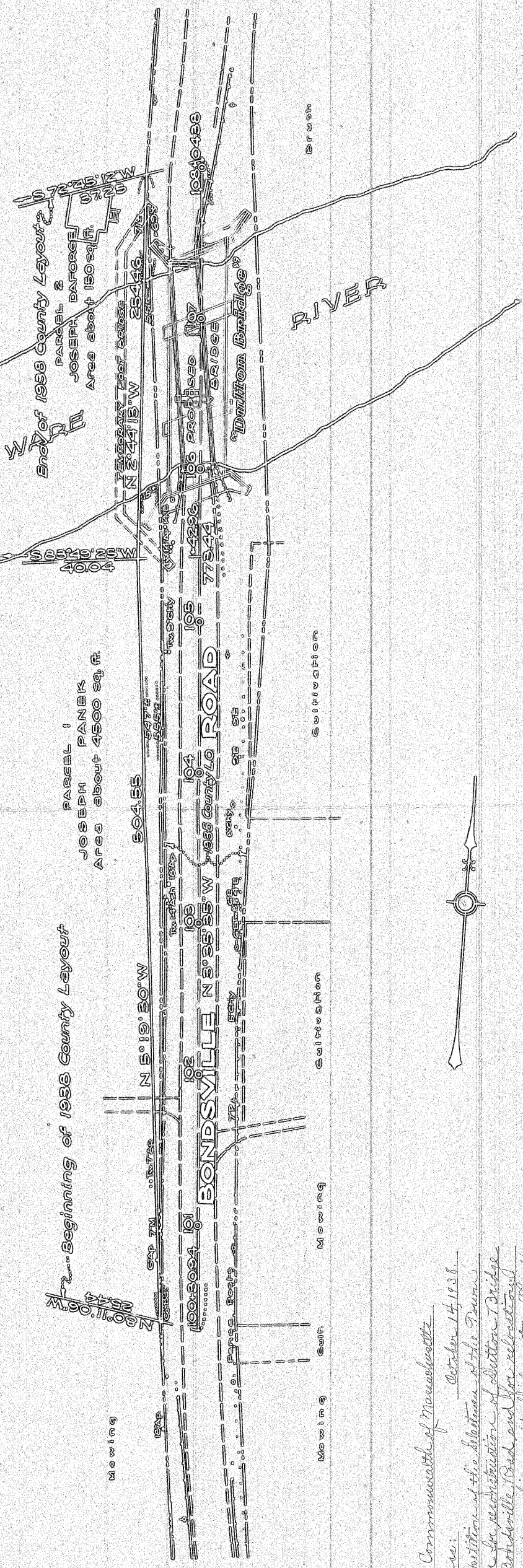
**Name of specific Plan:**

**Dutton Bridge (reconstruction)**



<b>Category</b>	<b>Index</b>
<b>Bridges</b>	<b>Dutton Bridge</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Person</b>	<b>Panek</b>
<b>Person</b>	<b>Daforge</b>
<b>Streets</b>	<b>Bondsville Road</b>
<b>Water</b>	<b>Ware River</b>





Commonwealth of Massachusetts  
Hawkins, et al. October 14, 1938.  
on the petition of the Stationers of the Town of  
Palmer for permission of Stationers Bridge  
on the Bondsville Road and for relocation  
of highway approaching said bridge, etc. The plan  
is filed with the location report, and  
made a part thereof.

Thomas J. Boyle } County  
Charles H. Tracy } Commissioners  
Margaret L. Donahue }

See County Commissioners' Record - Book # 12 Page 116

See County Commissioners  
Book 23 Page 12

The Commonwealth of Massachusetts  
PLAN OF ROAD  
in the town of  
**PALMER**  
HAMPSHIRE COUNTY  
Laid out by the  
COUNTY COMMISSIONERS  
Scale: 40 feet to the inch



**Plan Original Book and Page:     ch11005**

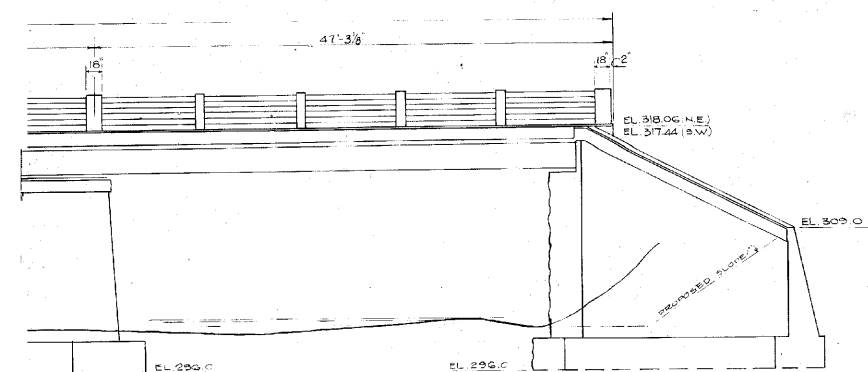
**Name of specific Plan:**

**Proposed Bridge - Palmer, Mass - Bondsville Road - Station  
106+67 over Ware River**

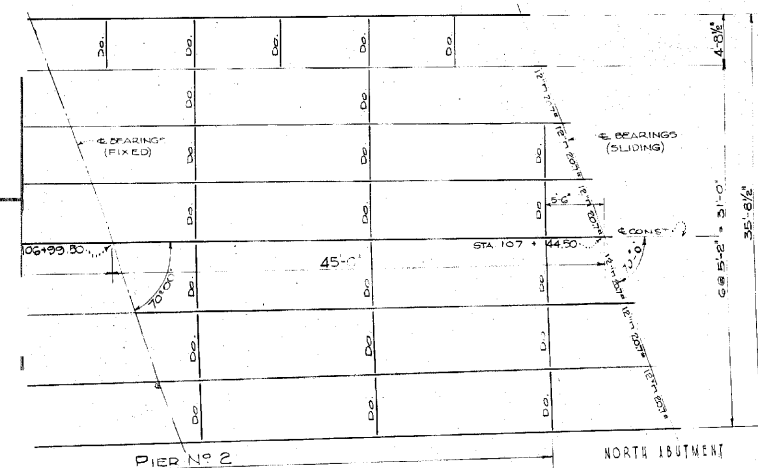


<b>Category</b>	<b>Index</b>
<b>Bridges</b>	<b>Dutton Bridge</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Streets</b>	<b>Bondsville Road</b>
<b>Water</b>	<b>Ware River</b>





ESTIMATED QUANTITIES		
(NOT GUARANTEED)		
EXCAVATION (BRIDGE).....	12 0 0	CU. YDS.
EXCAVATION (LEDGE).....	10	CU. YDS.
EXCAVATION (TRENCH LEDGE).....	50	CU. YDS.
EXCAVATION (CHANNEL).....	100	CU. YDS.
BORROW (GRAVEL).....	530	CU. YDS.
PILES (TIMBER).....	64 50	LIN. FT.
TIMBER PILE LOADING TESTS.....	2	EACH.
LUMBER SHEETING.....	1	M FT. B.M.
CONCRETE, CLASS A.....	134	CU. YDS.
CONCRETE, CLASS B.....	88	CU. YDS.
CONCRETE, CLASS C.....	800	CU. YDS.
REINFORCING STEEL.....	46,500	POUNDS.
STRUCTURAL STEEL.....	168,000	POUNDS.
RIPRAP.....	50	CU. YDS.
BITUMINOUS DAMP-PROOFING.....	630	SQ. YDS.
CLASS "1" BIT. CONC. PAVEMENT.....	70	TONS.
REMOVAL PRESENT BRIDGE.....	1	LUMP SUM.
BITUMINOUS CONCRETE FOR SIDEWALK.....	10	TONS.
TEMPORARY FOOT BRIDGE.....	1	LUMP SUM.



## GENERAL NOTES

FINISH : ALL EXPOSED CONCRETE SURFACES TO BE RUBBED SMOOTH WITH CORUNDUM BRICK AND LEFT FREE FROM ALL FORM MARKS AND IMPERFECTIONS.

DATE : TO BE PLACED IN THE CENTER OF OUTSIDE FACE OF EACH COPING, FOR DETAILS AS TO SIZE AND CHARACTER OF NUMERALS SEE ANOTHER SHEET.

FOUNDATIONS : MAY BE ALTERED IF NECESSARY TO SUIT CONDITIONS OF CONSTRUCTION.



DESIGN : ACCORDING TO AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS, 1935, FOR H-15 LOADING.

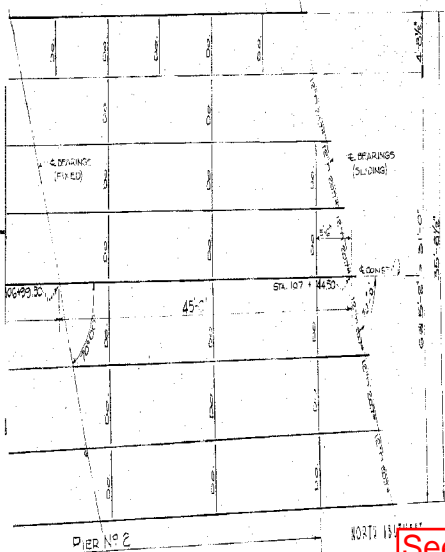
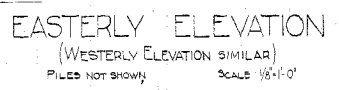
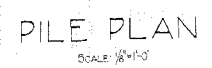
WEEP HOLES : TO BE PROVIDED IN ABUTMENTS AND WINGWALLS AS DIRECTED BY THE ENGINEER.

BENCH MARK : 80 CUT S.E. COR. BRIDGE SEAT, STATION 0+17.1  
DRAINAGE S.C.A.G.S. 110.00

DATE	SHEET NOS.	DESCRIPTION
LIST OF REVISIONS - USE ONLY PRINTS OF LATEST DATE		

THE COMMONWEALTH OF MASSACHUSETTS  
PROPOSED BRIDGE  
**PALMER**  
BONDSDVILLE ROAD, STATION 106+67  
OVER WARE RIVER  
SCALES AS NOTED  
OFFICE OF  
DEPARTMENT OF PUBLIC WORKS  
100 NASHUA ST. - BOSTON, MASS.  
FEBRUARY 1935

 BRIDGE ENGINEER		 CHIEF ENGINEER	
DESIGNED BY WAH		CHECKED BY E.A.R.	
TRACED BY A.H.W.		DATE OF ISSUE	
ADVERTISING	CONSTRUCTION		
8-10-38	8-26-38		



# GENERAL NOTES

**FINISH** : ALL EXPOSED CONCRETE SURFACES TO BE RUBBED SMOOTH WITH CORUNDUM BRICK AND LEFT FREE FROM ALL FORM MARKS AND IMPERFECTIONS.

**DATE** : TO BE PLACED IN THE CENTER OF OUTSIDE FACE OF EACH COPING, FOR DETAILS AS TO SIZE AND CHARACTER OF NUMERALS SEE ANOTHER SHEET.

**FOUNDATIONS** : MAY BE ALTERED IF NECESSARY TO SUIT CONDITIONS OF CONSTRUCT ON.

**DESIGN** : ACCORDING TO AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS, 1935, FOR H-15 LOADS.

**WEEP HOLES** : TO BE PROVIDED IN ABUTMENTS AND WINGS WALLS AS DIRECTED BY THE ENGINEER.

**BENCH MARK** : D CUT S.E. COR. BRIDGE SEAT, STA. 106+00 LT. BL. 310.505 DATUM U.S.C. 56.5 FEATHER LEVEL.

DATE	SHEET NOS.	DESCRIPTION
LIST OF REVISIONS - USE ONLY PRINTS OF LATEST DATE		

THE COMMONWEALTH OF MASSACHUSETTS  
PROPOSED BRIDGE  
**PALMER**  
BOSTONVILLE ROAD, STATION 106+67  
OVER WARE RIVER  
SCALES AS NOTED  
OFFICE OF  
DEPARTMENT OF PUBLIC WORKS  
100 NASHUA ST. - BOSTON, MASS.  
FEBRUARY 1938

*W. H. Adams* *W. H. Adams*  
BRIDGE ENGINEER CHIEF ENGINEER  
DESIGNED BY WAH. TRACED BY *W. H. Adams* CHECKED BY *E. L. Adams*  
DATE OF ISSUE  
UNDERMINING CONSTRUCTION  
8-10-38 8-26-38

See County Commissioners  
Book 23 Page 12

SHEET 1 OF 3 SHEETS — BRIDGE NO P-1-13

**Plan Original Book and Page:     ch11006**

**Name of specific Plan:**

**Proposed Bridge - Palmer, Mass - Bondsville Road - Station  
106+67 over Ware River**



<u>Category</u>	<u>Index</u>
City/Town	Palmer





**Plan Original Book and Page:     ch11007**

**Name of specific Plan:**

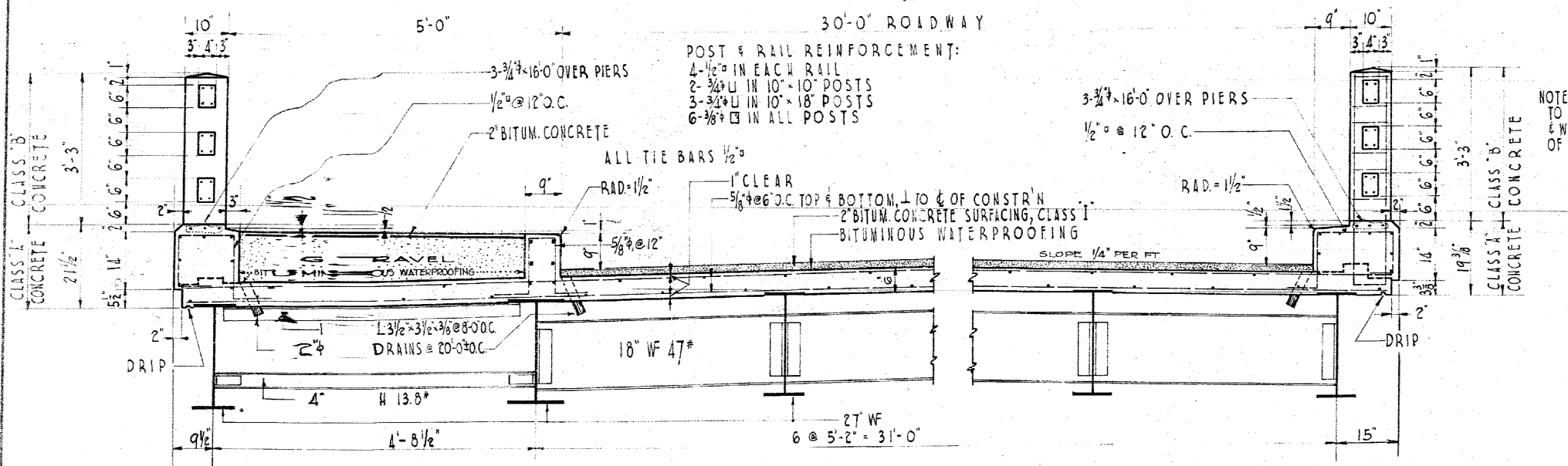
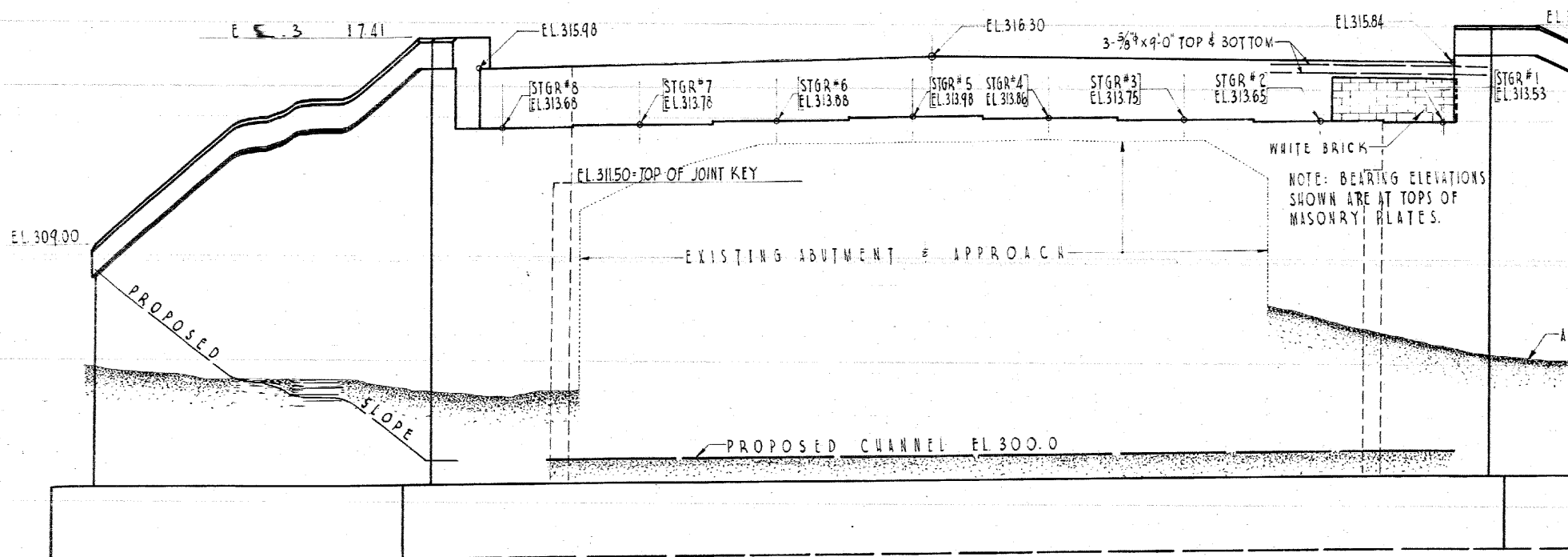
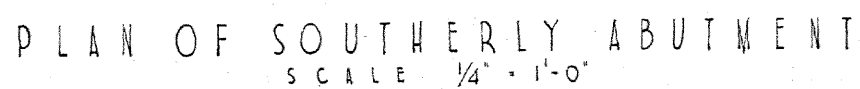
**Proposed Bridge - Palmer, Mass - Bondsville Road - Station  
106+67 over Ware River**



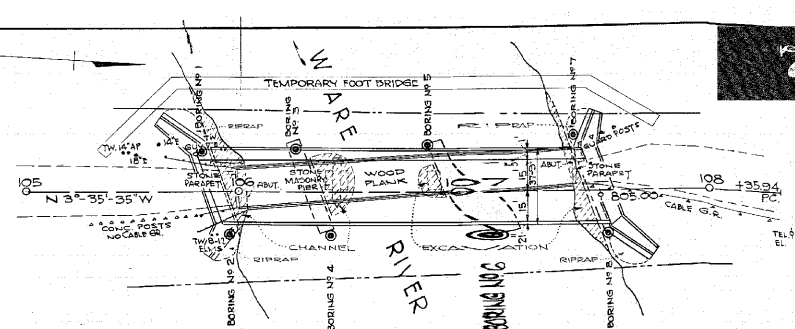
<u>Category</u>	<u>Index</u>
City/Town	Palmer

Plan view of a bridge structure. The drawing shows a long rectangular bridge deck with two expansion joints. Key dimensions and features include:

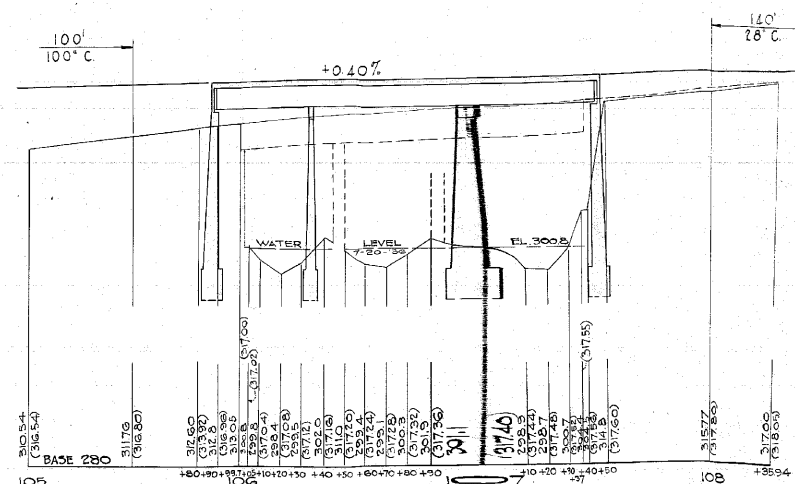
- Left Abutment:** A sloped structure with a top width of 2'-0" and a bottom width of 1'-0". The slope is 57°-30'. A vertical dimension of 10'-0" is shown. A small structure at the base has a width of 3'-5 1/2" and a height of 1'-2".
- Bridge Deck:**
  - Overall length: 70'-00"
  - Width: 15'-3"
  - Expansion joints are located at 15'-3" and 20'-1 1/2" from the left end.
  - Bottom width: 19'-4 3/8"
  - Bottom dimensions: 3 @ 5'-6" ± = 16'-5 15/16" and 23'-5 1/4"
- Right Abutment:** A sloped structure with a top width of 5'-0" and a bottom width of 17'-2". The slope is 2'-3". A vertical dimension of 1'-2" is shown.
- Construction Details:**
  - A line labeled "L.O. OF CONSTRUCTION" runs through the center of the bridge deck.
  - Reinforcement bars (squares) are shown at the bottom of the bridge deck.
  - Dimensions for the bottom of the bridge deck: 10'-6" (width), 15'-15" (length), and 2'-0" (width).



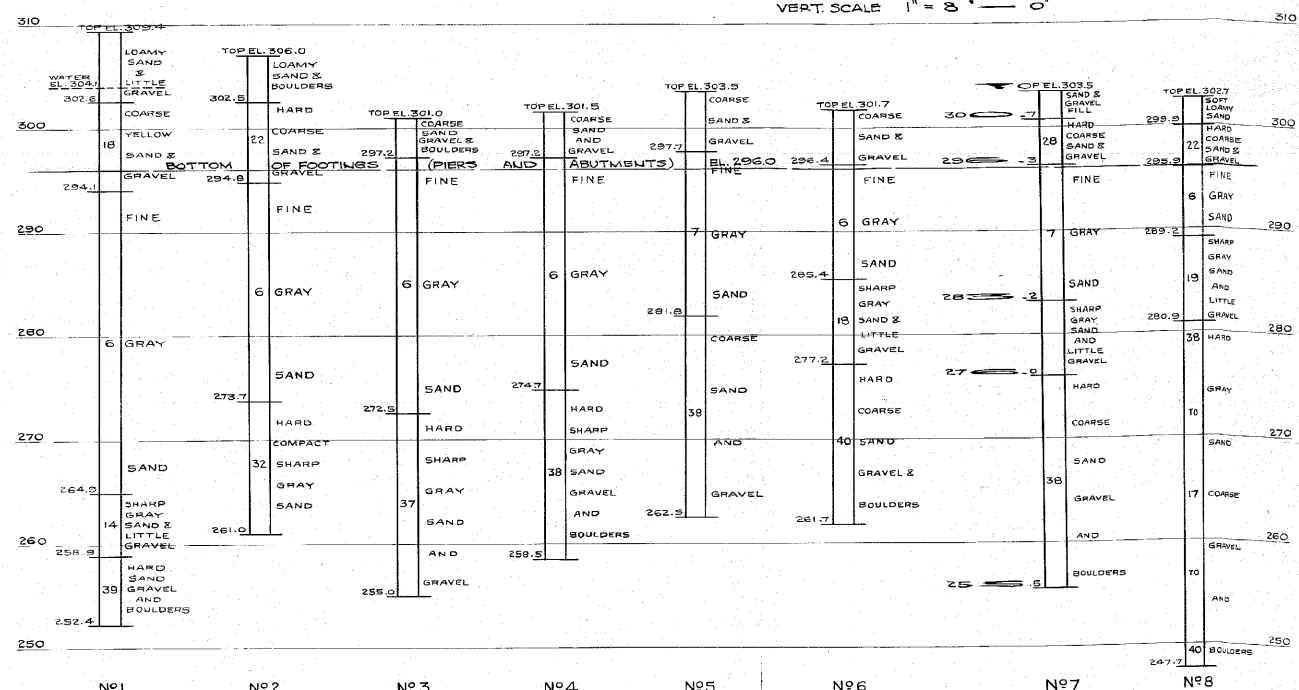
NOT  
TO  
& W  
OF



TYPICAL CROSS SECTION  
SCALE 1/4" = 1'-0"



PROFILE  
HOR. SCALE 1" = 40' — 0'  
VERT. SCALE 1" = 8' — 0'



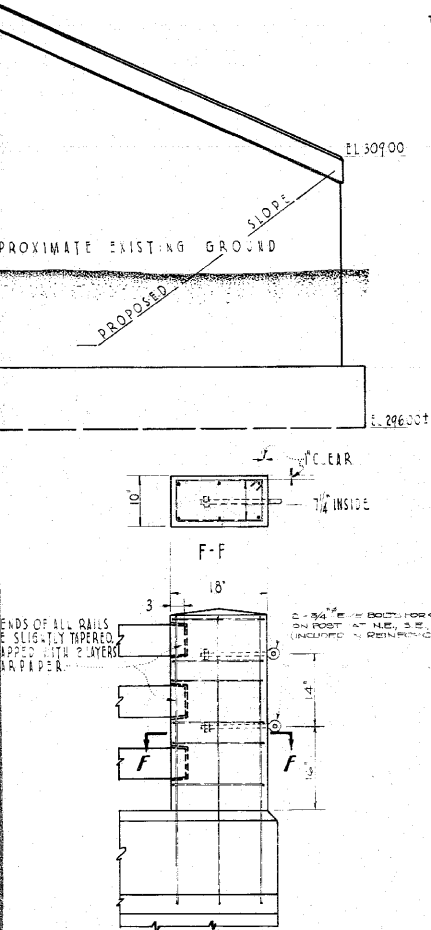
## BORING NOTES

LOCATION OF BORINGS SHOWN ON KEY PLAN THUS ● BORING N°4.  
BORINGS TAKEN FOR PURPOSE OF DESIGN AND SHOW CONDITIONS AT  
BORING POINTS ONLY, BUT DO NOT NECESSARILY SHOW NATURE OF MATERIAL  
TO BE ENCOUNTERED IN CONNECTION WITH CONSTRUCTION THE BRIDGE.  
FIGURES IN COLUMNS INDICATE BLOWS PER FOOT ON SPOON.

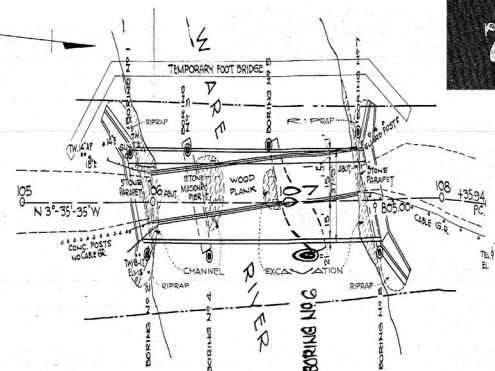
BORING DATA

BORINGS TAKEN JULY 1937  
VERT. SCALE: 1" = 8'-0"

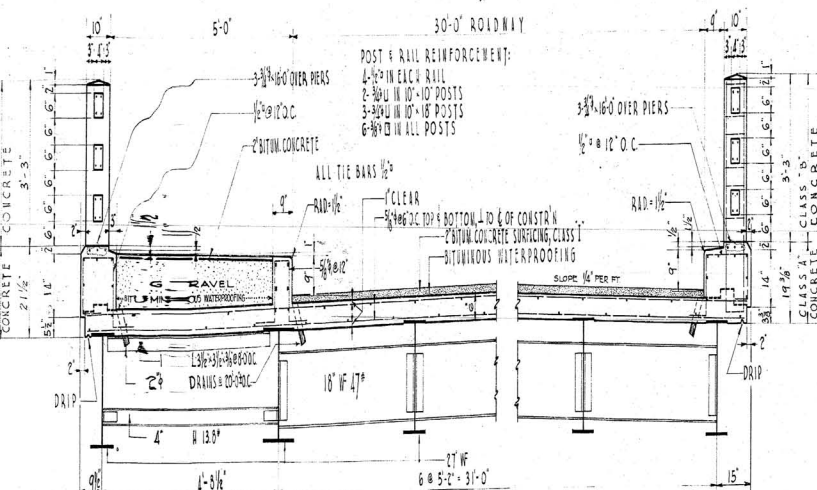
8-26-38	CONSTRUCTION
8-10-38	ADVERTISING
DATE	DESCRIPTION
USE	ONLY PRINTS OF LATEST DATE



DETAIL OF END POST  
SCALE  $\frac{3}{4}$ " = 1'-0"



10"  
7/8" CLEAR

[illegible][illegible]

BORING DATA

BORINGS TAKEN JULY 1937  
VERT. SCALE: 1" = 8'-0"

8-26-38	CONSTRUCTION
8-10-38	ADVERTISING
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

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***Description of Plan Group:***

**Island Pond Road Extensioin to Allen Street**

---

***Date of Plan:*** 1938

***Date Plan Approved:*** 1938

***Highway Book #:*** ch11

***Highway Page #:*** 008

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 022

***Public Notes:***



**Plan Original Book and Page:     ch11008**

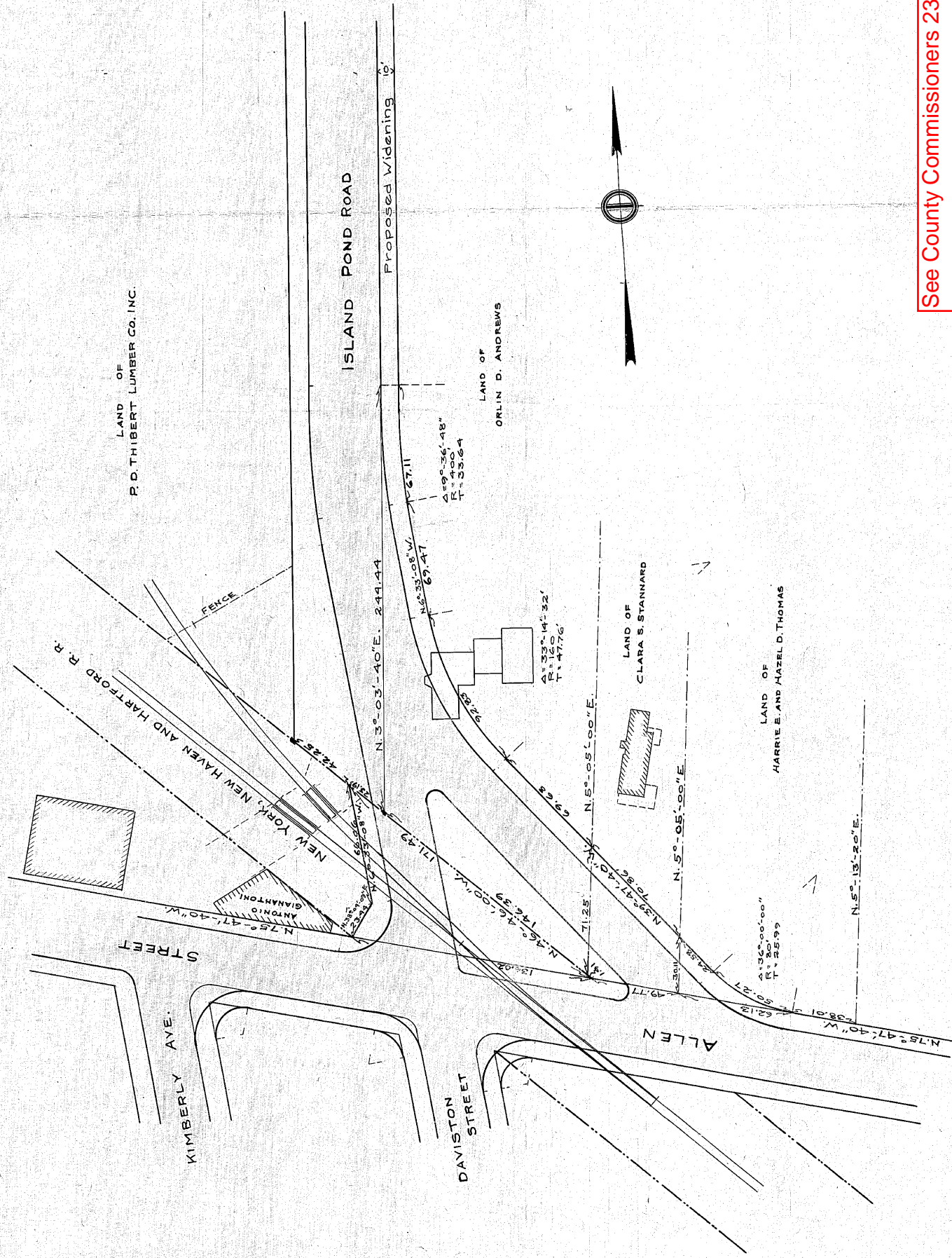
**Name of specific Plan:**

**Island Pond Road Extensioin to Allen Street**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>PH Thibert Lumber Company</b>
<b>City/Town</b>	<b>Springfield</b>
<b>Person</b>	<b>Andrews</b>
<b>Person</b>	<b>Thomas</b>
<b>Person</b>	<b>Gianantoni</b>
<b>Person</b>	<b>Stannard</b>
<b>Railroads</b>	<b>New York, New Haven &amp; Har</b>
<b>Streets</b>	<b>Allen Street</b>
<b>Streets</b>	<b>Kimberly Avenue</b>
<b>Streets</b>	<b>Daviston Street</b>
<b>Streets</b>	<b>Island Pond Road</b>





Commonwealth of Massachusetts

Sherpden, ss:      October 19, 1938

On the petition of the Board of Aldermen of the City of Springfield for extension and layout of Island Pond Road across the N.Y.N.H. & H.R.R., over the crossing of Allen Street and the tracks of the N.Y.N.H. & H.R.R., etc. This plan is filed with the final decree and made a part thereof.

Charles W. Dorsey      County Commissioner  
Margaret M. Donahue      Commissioner  
Freddie M. O'Keefe      Associate Commissioner

See County Commissioners' Record.  
Book #23 Page #22

See County Commissioners 23 Page 22

SPRINGFIELD, MASS.  
DEPARTMENT OF STREETS AND ENGINEERING  
PLAN OF  
PROPOSED EXTENSION  
ISLAND POND ROAD  
TO ALLEN STREET  
AT THE N.Y.N.H. & H.R.R.  
SCALE 1"=40' JULY 1938

TRACING FROM DESIGN BY C.H. RESTALL  
FOR BOARD OF PUBLIC WORKS



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***Description of Plan Group:***

**Brookfield Road (Station 102 to Dix Hill Road)**

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***Date of Plan:*** 1938

***Date Plan Approved:*** 1938

***Highway Book #:*** ch11

***Highway Page #:*** 009

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 017

***Public Notes:***



**Plan Original Book and Page:     ch11009**

**Name of specific Plan:**

**Brookfield Road (Station 102 to Dix Hill Road)**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Brimfield</b>
<b>Person</b>	<b>Wesson, Arthur</b>
<b>Person</b>	<b>Carpenter, Dorothy L</b>
<b>Person</b>	<b>Stent, Mary L</b>
<b>Person</b>	<b>Marriot, Edward P</b>
<b>Person</b>	<b>MaGrath, Thomas S.</b>
<b>Person</b>	<b>MaGrath, Eunice A</b>
<b>Street</b>	<b>Brookfield Road</b>

**Plan Original Book and Page:**     **ch11010**

**Name of specific Plan:**

**Plan of Road in the Town of Brimfield - Mass**



<u>Category</u>	<u>Index</u>
City/Town	Brimfield

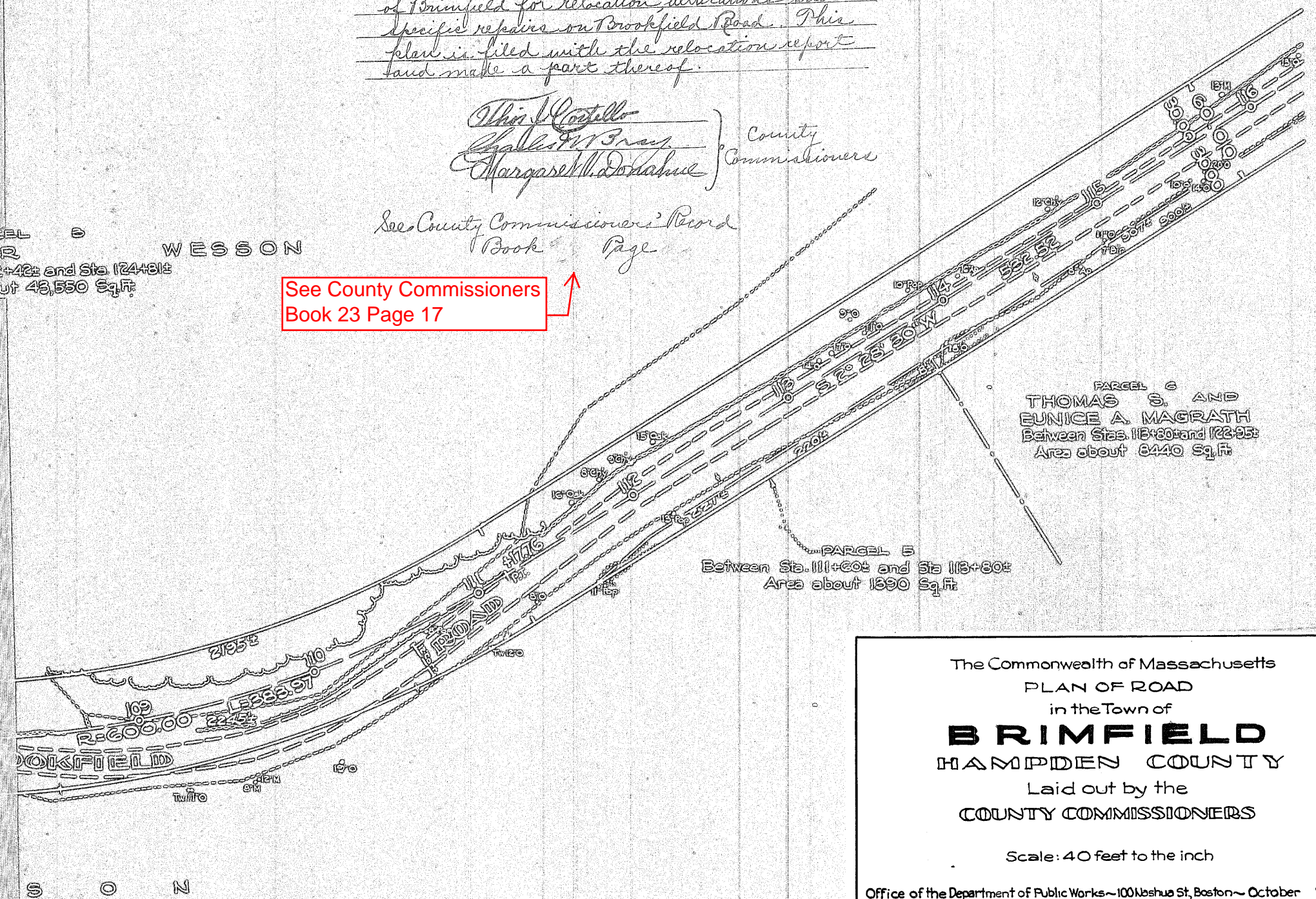


Commonwealth of Massachusetts  
Hampden, ss: November 2, 1938.  
on the petition of the Selectmen of the Town  
of Brimfield for relocation, alterations and  
specific repairs on Brookfield Road. This  
plan is filed with the relocation report  
and made a part thereof.

Thos. Costello  
Charles W. Tracy  
Margaret M. Donahue } County  
Commissioners

See County Commissioners' Record  
Book Page

See County Commissioners  
Book 23 Page 17



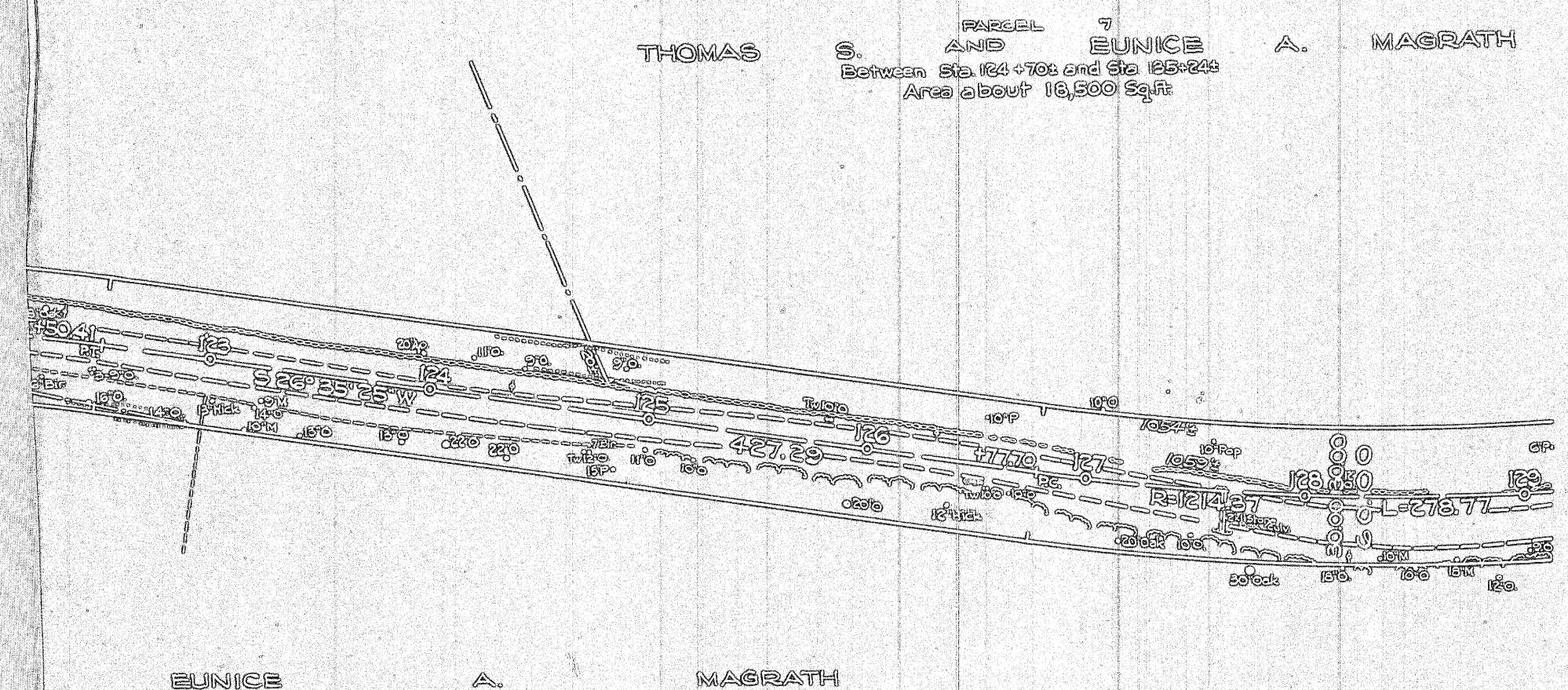
The Commonwealth of Massachusetts  
PLAN OF ROAD  
in the Town of  
**BRIMFIELD**  
HAMPDEN COUNTY  
Laid out by the  
COUNTY COMMISSIONERS

Scale: 40 feet to the inch

Office of the Department of Public Works ~ 100 Nashua St., Boston ~ October 1938

COUNTY COMMISSIONERS' RECORD  
Book # 23 Page # 17

BRIMFIELD ~ 1938 COUNTY LAYOUT ~ SHEET 2 OF 4 SHEETS





**Plan Original Book and Page:**     **ch11011**

**Name of specific Plan:**

**Plan of Road in the Town of Brimfield - Mass**



<u>Category</u>	<u>Index</u>
City/Town	Brimfield

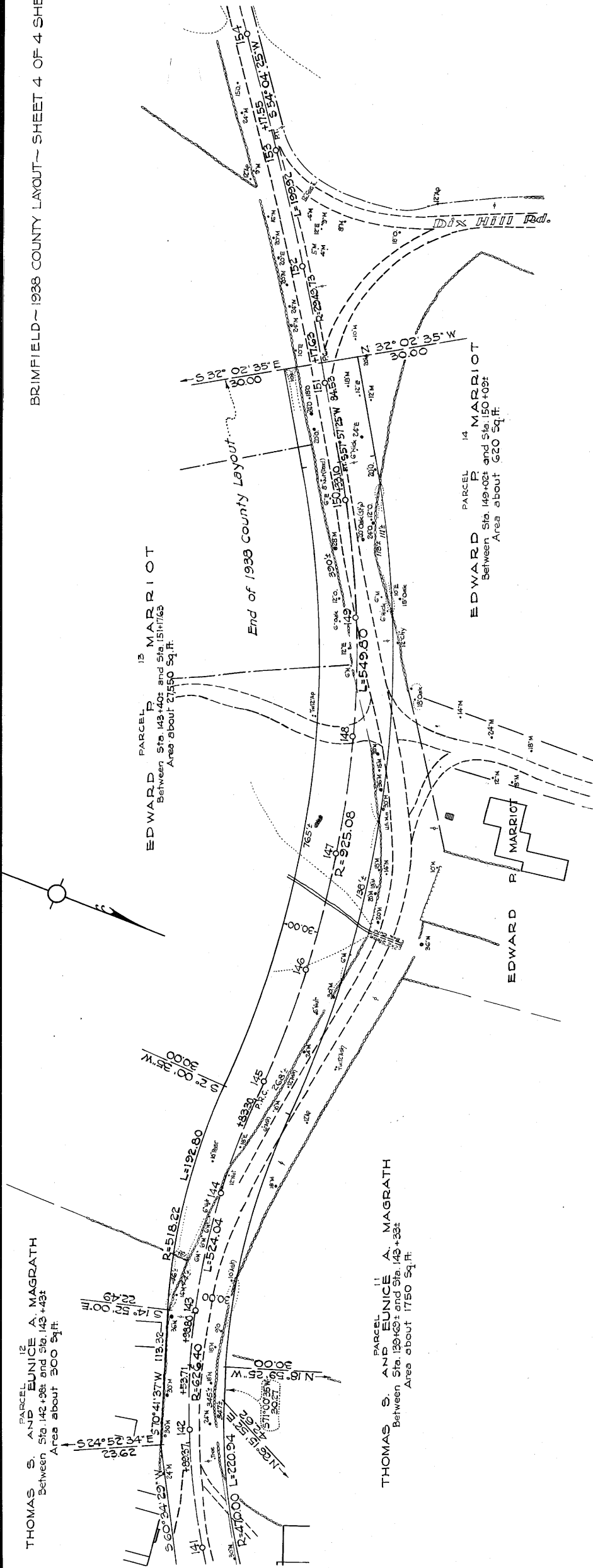
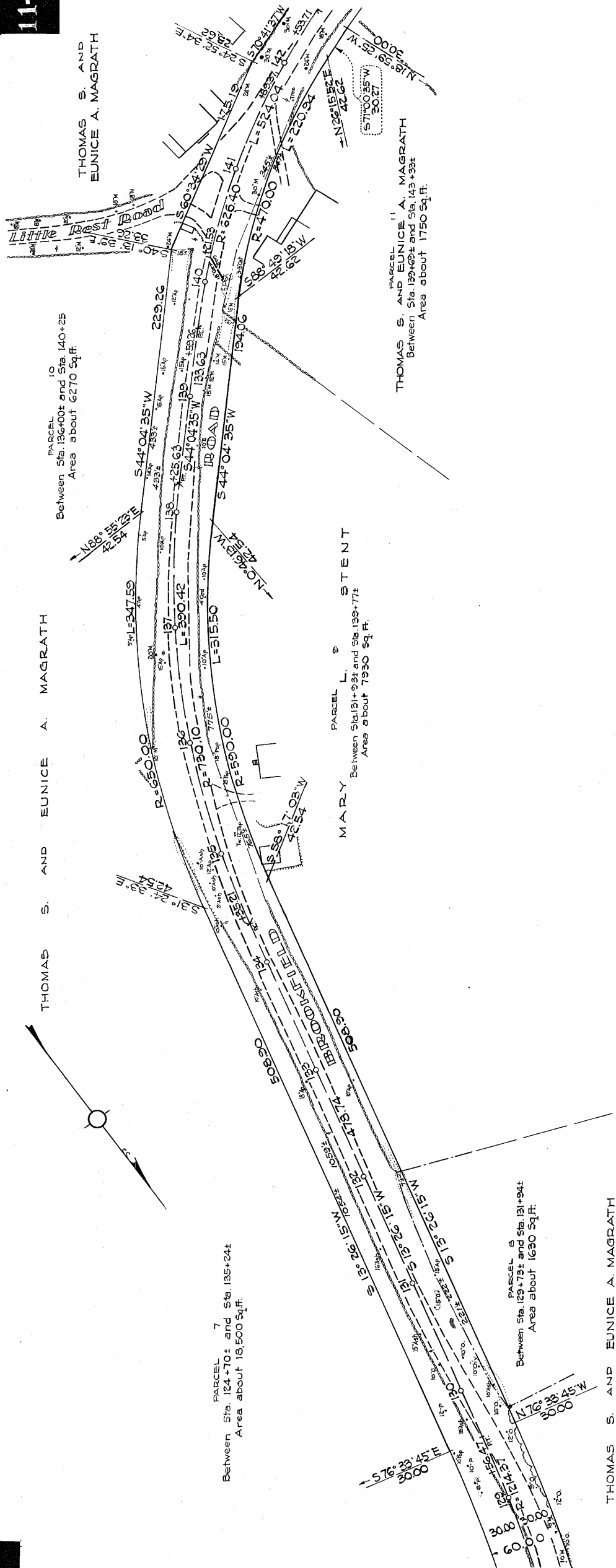
**Plan Original Book and Page:**     **ch11012**

**Name of specific Plan:**

**Plan of Road in the Town of Brimfield - Mass**



<u>Category</u>	<u>Index</u>
City/Town	Brimfield



---

***Description of Plan Group:***

**Dam on Twelve Mile Brook - Collins Manufacturing Company**

---

***Date of Plan:*** 1938  
***Date Plan Approved:*** 1938  
***Highway Book #:*** 11  
***Highway Page #:*** 013  
***Commissioners Reference Book #:*** 23  
***Commissioners Reference Page #:*** 161



***Public Notes:***

See also: Dams (Wilbraham) - "Guidette Dam aka..." - D23005 &  
"Collins Manufacturing Company Dam..." - D23003.



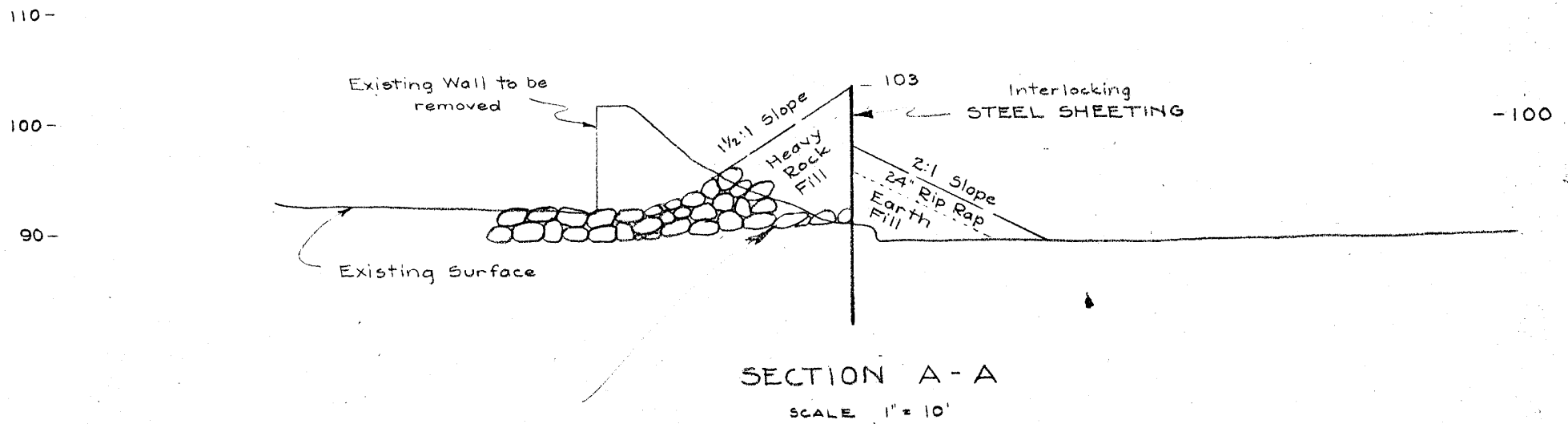
**Plan Original Book and Page:     ch11013**

**Name of specific Plan:**

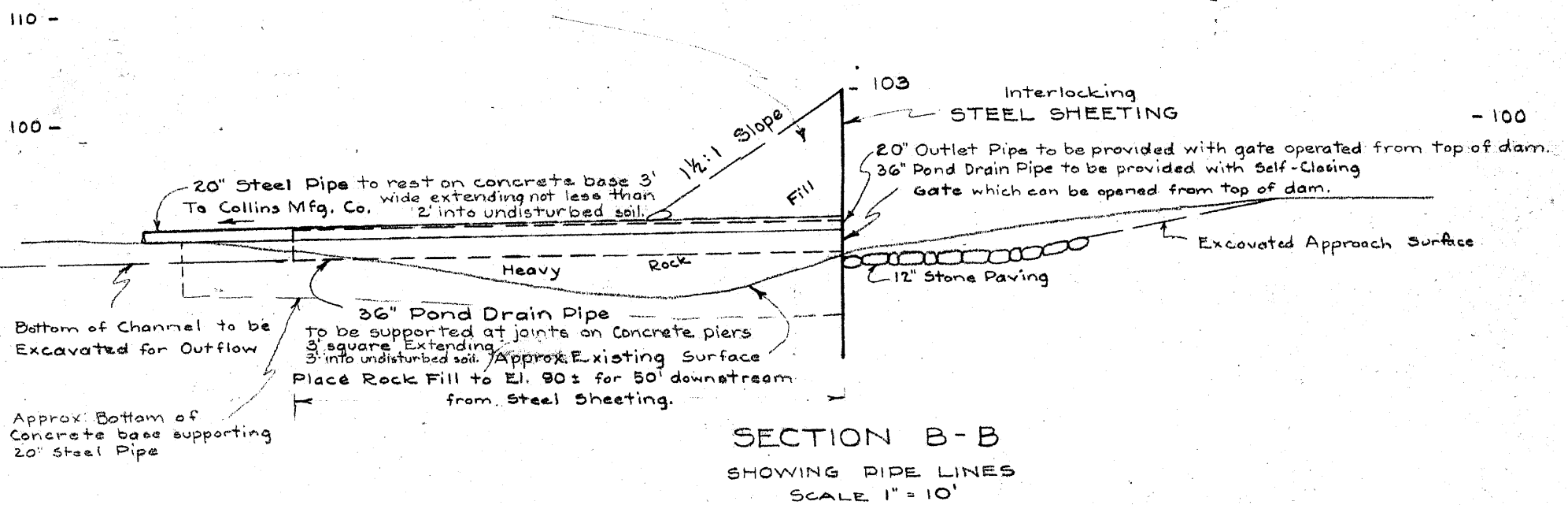
**Dam on Twelve Mile Brook - Collins Manufacturing Company**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Collins Manufacturing Compa</b>
<b>City/Town</b>	<b>Wilbraham</b>
<b>Dam</b>	<b>Twelve Mile Brook Dam</b>
<b>Dam</b>	<b>Collins Manufacturing Compa</b>
<b>Dam</b>	<b>Water Supply Dam of Collins</b>
<b>Water</b>	<b>Twelve Mile Brook</b>

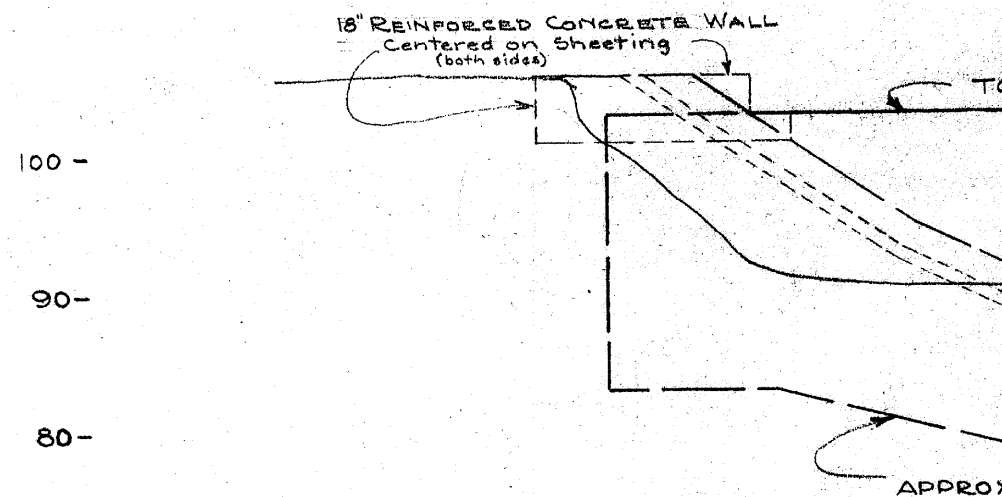


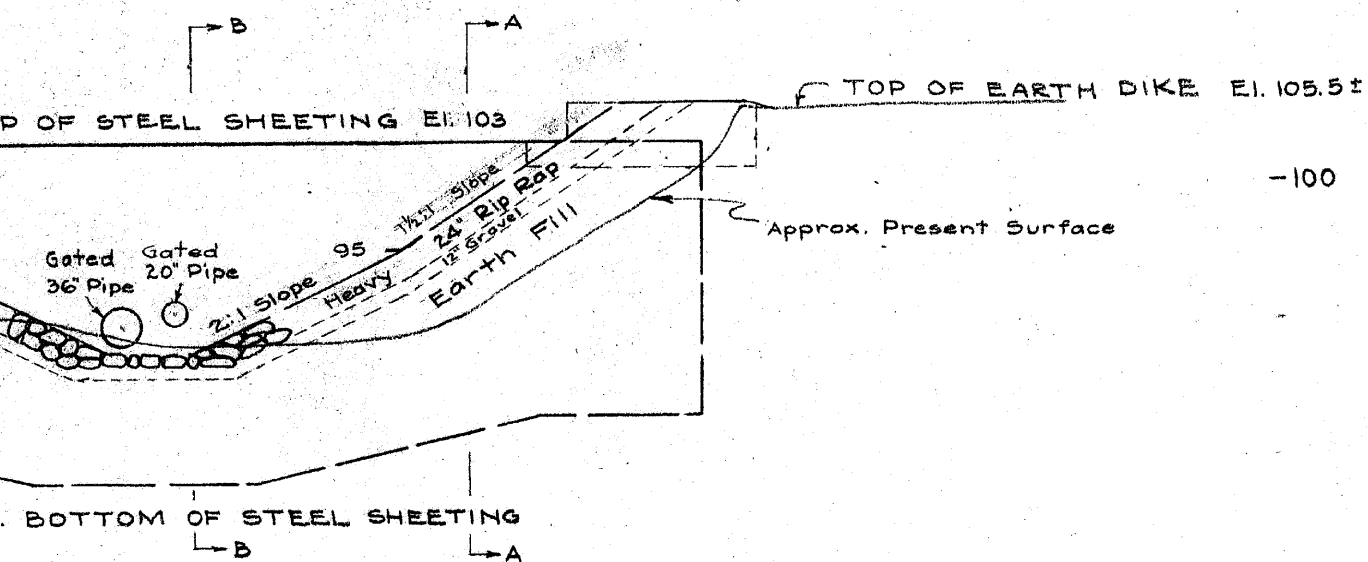
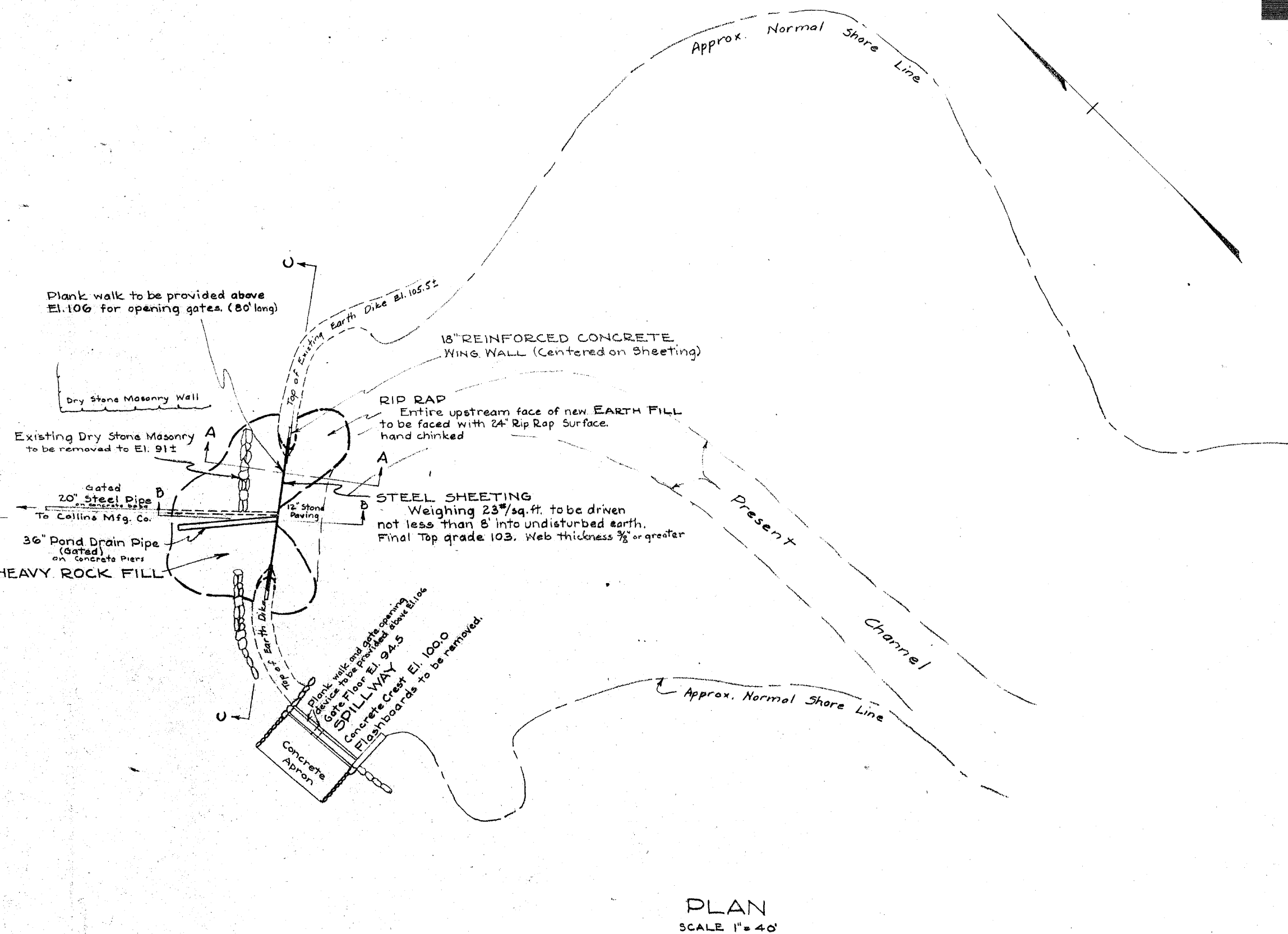
**HEAVY ROCK FILL**  
To be carefully placed to insure complete interlocking with no large voids.



#### ELEVATIONS:

Elevations shown are based on assumed datum. Concrete Spillway crest El. 100.0





Commonwealth of Massachusetts  
 Shapden, ss:  
 Filed, October 25, 1938  
 Attest: Charles M. Edmonds, Clerk.

Approved, -  
 November 2, 1938

Thomas J. Castello  
 Charles F. Briggs  
 Margaret W. Donahue } County Commissioners

See County Commissioners  
 Book 23 Page 161

Preliminary Plan & Sections Showing  
 PROPOSED TEMPORARY REPAIRS  
 TO  
 WATER SUPPLY DAM  
 OF  
 COLLINS MANUFACTURING CO.  
 ON  
 TWELVE MILE BROOK  
 WILBRAHAM, MASS.

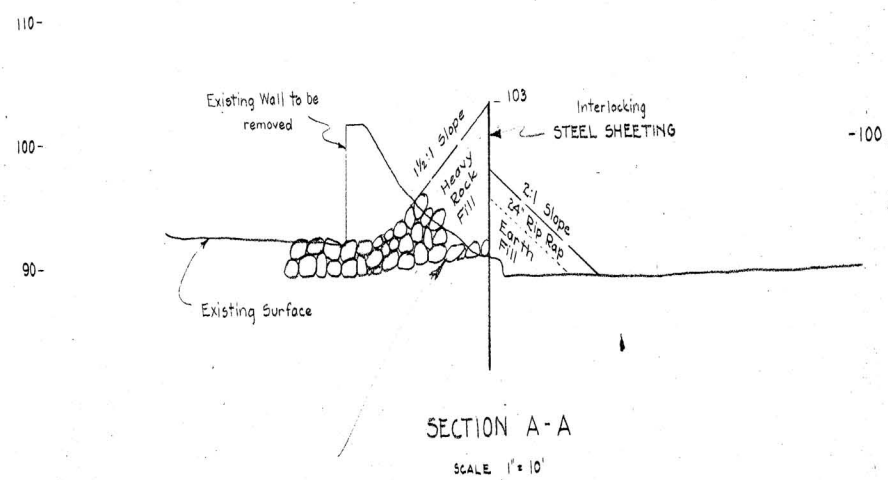
SCALES - INDICATED

OCT. 21, 1938

Nathaniel Clapp  
 PALMER,

Civil Engineer  
 MASS.



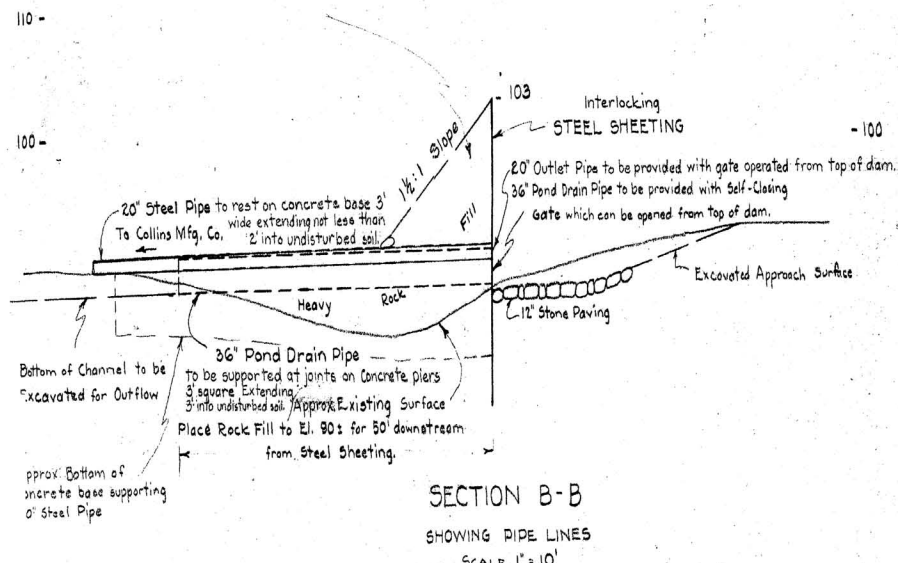


SECTION A-A

SCALE 1" = 10'

HEAVY ROCK FILL

To be carefully placed to insure complete interlocking with no large voids.



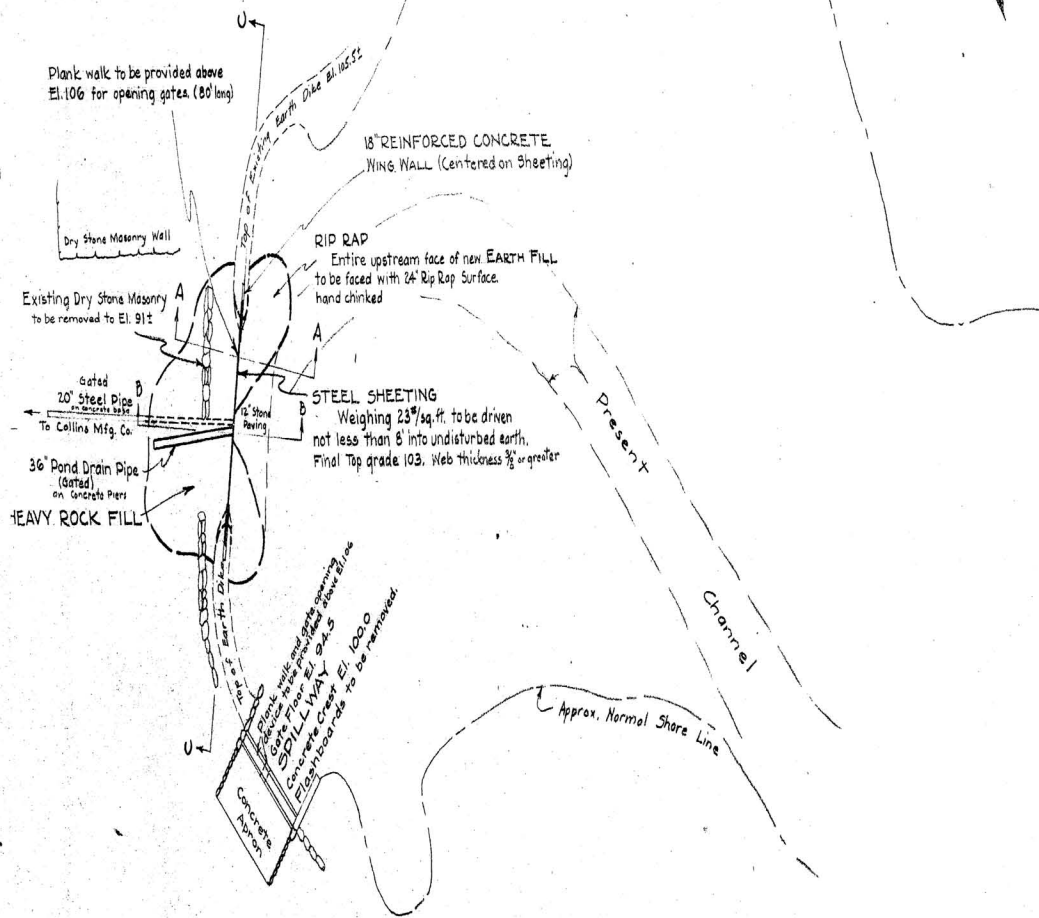
SECTION B-B

SHOWING PIPE LINES

SCALE 1" = 10'

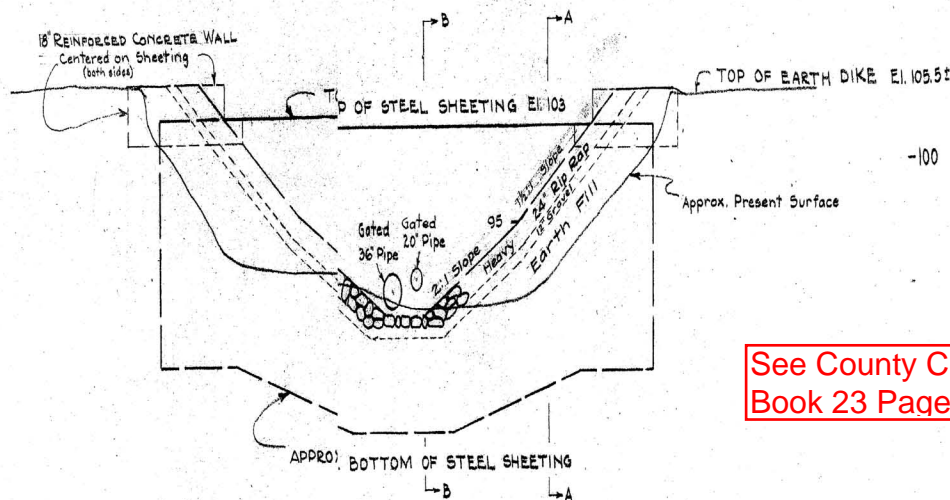
ELEVATIONS:

Elevations shown are based on assumed datum. Concrete spillway crest El. 100.0



PLAN

SCALE 1" = 40'



SECTIONAL VIEW C-C

SCALE 1" = 10'

Commonwealth of Massachusetts  
Superior, ss:  
Filed, October 25, 1938  
Attest: Charles H. Callahan, Clerk

Approved: -  
November 2, 1938  
Nathaniel Clapp  
Charles H. Palmer  
County Commissioners

See County Commissioners  
Book 23 Page 161

Preliminary Plan & Sections Showing  
PROPOSED TEMPORARY REPAIRS  
TO  
WATER SUPPLY DAM  
OF  
COLLINS MANUFACTURING CO.  
ON  
TWELVE MILE BROOK  
WILBRAHAM, MASS.

SCALES - INDICATED

OCT. 21, 1938

Nathaniel Clapp  
PALMER, MASS.  
Civil Engineer

---

***Description of Plan Group:***

**Ames Worsted Company Dam Repair**

---

***Date of Plan:*** 1938

***Date Plan Approved:*** 1938

***Highway Book #:*** ch11

***Highway Page #:*** 014

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 066



***Public Notes:***

**See also: Dams (Holland) - "Ames Worsted Company Dam" - D09001.**



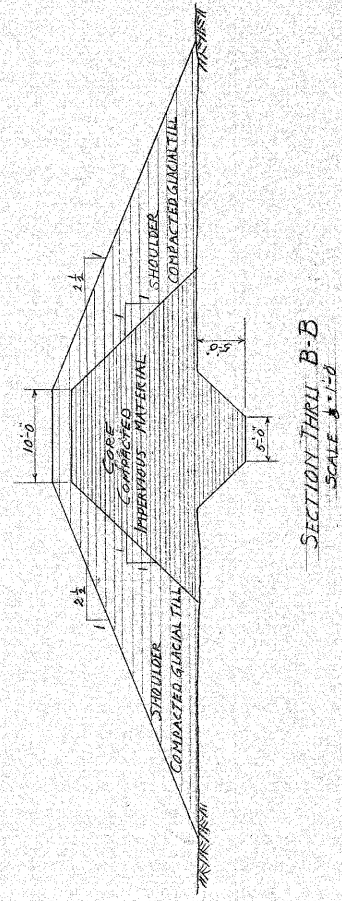
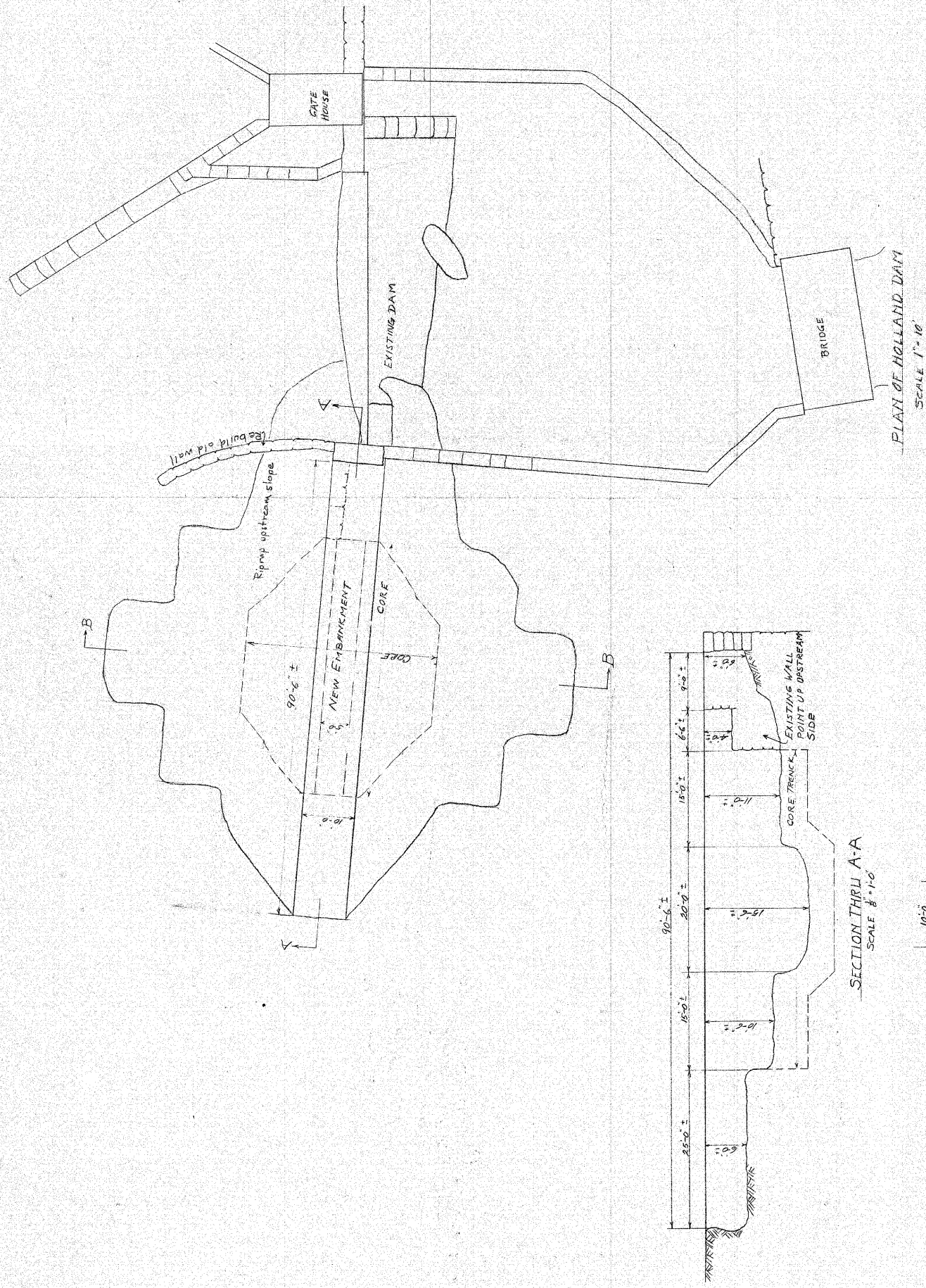
**Plan Original Book and Page:     ch11014**

**Name of specific Plan:**

**Ames Worsted Company Dam Repair**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Ames Worsted Company</b>
<b>Bridges</b>	<b>Bridge on Holland Dam</b>
<b>City/Town</b>	<b>Southbridge</b>
<b>City/Town</b>	<b>Holland</b>
<b>Dam</b>	<b>Holland Dam</b>



AMES WORSTED COMPANY  
SOUTHBIDGE MASS  
REPAIRS TO HOLLAND DAM

**CHAS. T. MAIN, INC., ENGINEERS.**  
201 DEVONSHIRE ST. BOSTON, MASS. U.S.A.

REVISIONS

IN CHARGE OF	W.F.D.		SCALE 1/5 Noted	1392-3
	DRAWN	TRACED		
048			DATE OCT 29, 1938	

IN CHARGE OF	W.F.D.		SCALE 1/5 Noted	1392-3
	DRAWN	TRACED		
048			DATE OCT 29, 1938	

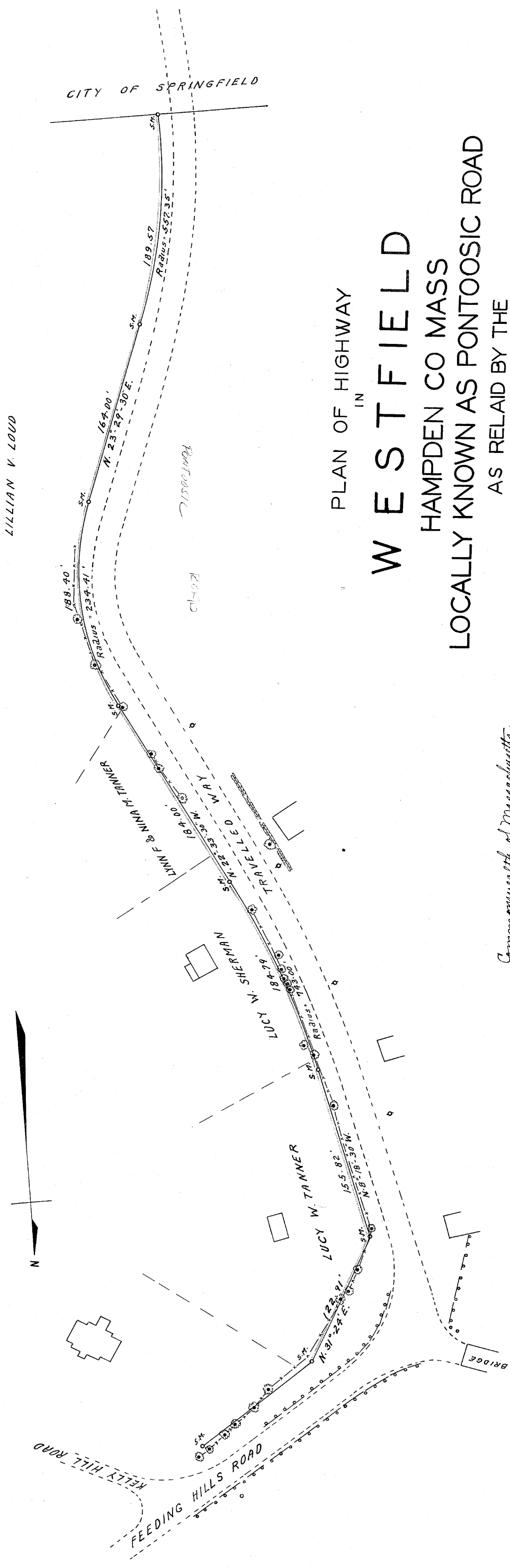
**Plan Original Book and Page:     ch11015**

**Name of specific Plan:**

**Pontoosic Road and Kelly Hill Road (Southwick line northerly)  
Feeding Hills Road (southerly)**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Springfield, City of</b>
<b>City/Town</b>	<b>Westfield</b>
<b>Person</b>	<b>Loud</b>
<b>Person</b>	<b>Sherman</b>
<b>Person</b>	<b>Tanner</b>
<b>Streets</b>	<b>Feeding Hills Road</b>
<b>Streets</b>	<b>Kelly Hill Road</b>
<b>Streets</b>	<b>Pontoosic Road</b>



LILLIAN V. LOUD

PLAN OF HIGHWAY  
IN  
**W E S T F I E L D**  
HAMPDEN CO MASS  
LOCALLY KNOWN AS PONTOOSIC ROAD  
AS RELAID BY THE  
COUNTY COMMISSIONERS  
SCALE 50 FEET TO THE INCH  
RICHARD P. BOYLE, ENG'R  
1938.

Commonwealth of Massachusetts  
Westfield, ss: November 30, 1938  
On the petition of the inhabitants of the City of  
Westfield for relocation of northern line of Pontoosic  
Road from its intersection with the Feeding Hills Road  
as far as the Springfield Pike line. The plan is  
filed with the relocation report and made a part  
thereof.

Charles M. Tracy County  
Margaret M. Donahue Commissioners  
Frederic M. O'Keefe - prior Commissioner

See County Commissioners  
Book 23 Page 55

See County Commissioners' Record. Book #23 Page # 55

**Plan Original Book and Page:     ch11016**

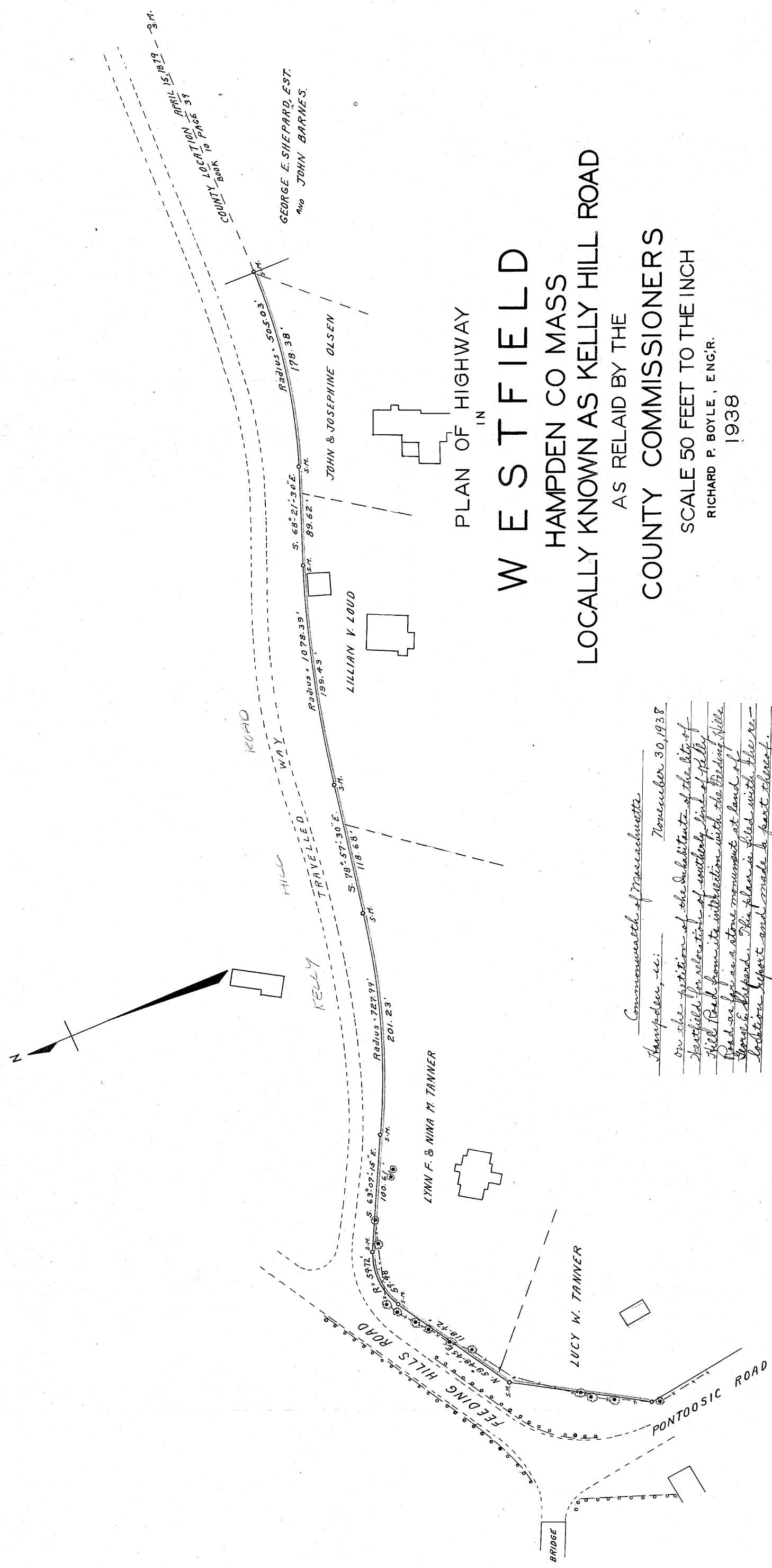
**Name of specific Plan:**

**Plan of Highway in Westfield, Mass - Locally Known As Kelly Hill Road**



<b>Category</b>	<b>Index</b>
	<b>Loud</b>
<b>City/Town</b>	<b>Westfield</b>
<b>Person</b>	<b>Tanner</b>
<b>Person</b>	<b>Shepard</b>
<b>Person</b>	<b>Barnes</b>
<b>Person</b>	<b>Olsen</b>
<b>Streets</b>	<b>Pontoosic Road</b>
<b>Streets</b>	<b>Feeding Hills Road</b>
<b>Streets</b>	<b>Kelly Hill Road</b>





PLAN OF HIGHWAY  
IN  
**W E S T F I E L D**  
HAMPDEN CO MASS  
LOCALLY KNOWN AS KELLY HILL ROAD  
AS RELAID BY THE  
COUNTY COMMISSIONERS  
SCALE 50 FEET TO THE INCH  
RICHARD P. BOYLE, ENG'R.  
1938

*Commonwealth of Massachusetts*  
*Town of Westfield, ss: November 30, 1938*  
*on the petition of the inhabitants of the City of*  
*Westfield for relocation of existing line of Kelly*  
*Hill Road from its intersection with the Feeding Hills*  
*Road as shown on a stone monument at land of*  
*George E. Shepard. This plan is filed with the re-*  
*location report and made a part thereof.*

*Charles M. Bray* County  
*Margaret M. Donoghue* Commissioners  
*Arthur M. O'Keefe* Junior Commissioner

See County Commissioners' Record, Book #23 Page #35

See County Commissioners  
Book 23 Page 35

**Plan Original Book and Page:     ch11017**

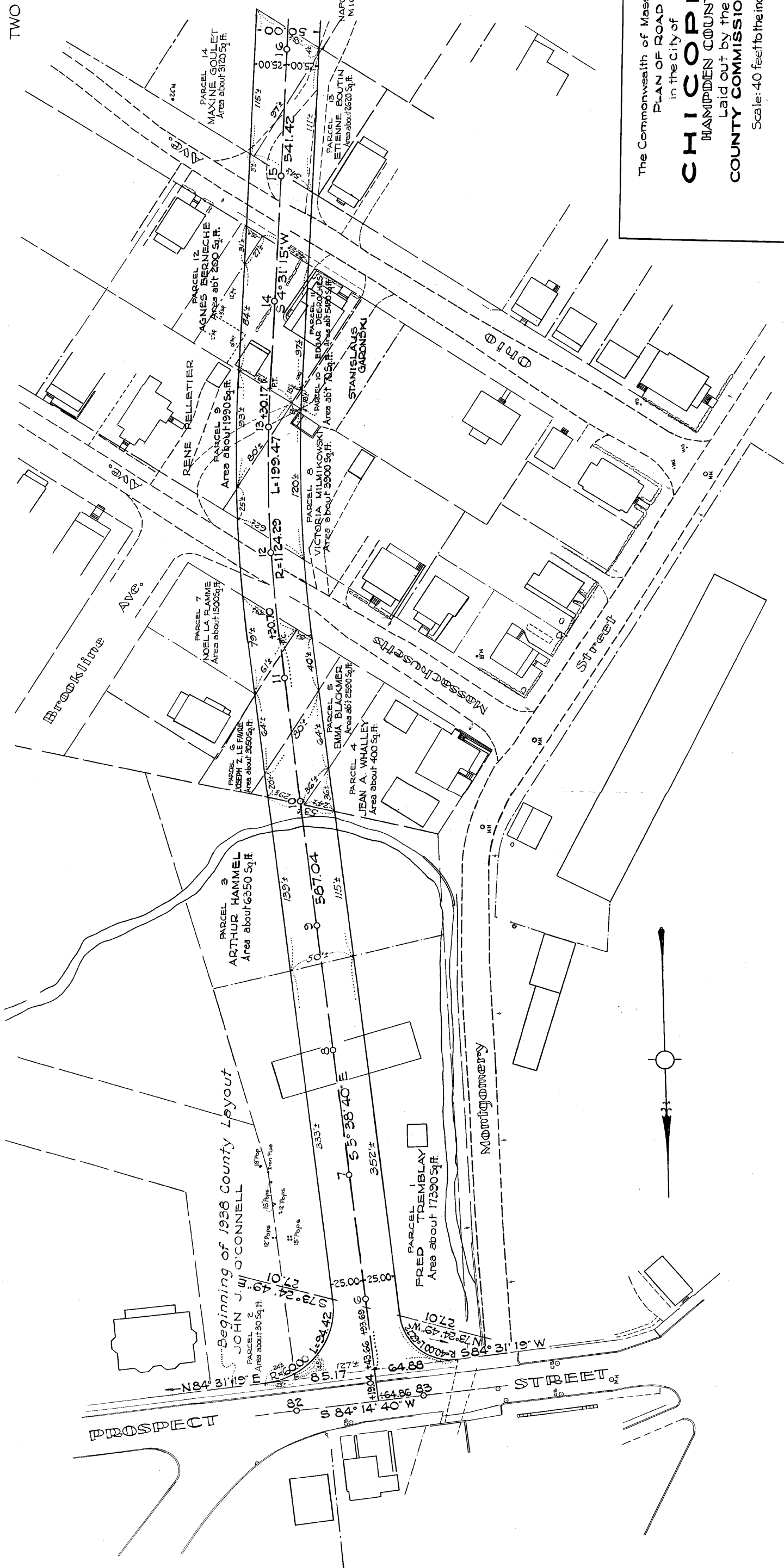
**Name of specific Plan:**

**Montgomery Street - Prospect Street to Ivy Street (Desc by 1941 L.O.)**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Goulet, Maxine</b>
<b>Person</b>	<b>Boutin, Etienne</b>
<b>Person</b>	<b>LaFlamme, Noel</b>
<b>Person</b>	<b>Berneche, Agnes</b>
<b>Person</b>	<b>Blackmer, Emma</b>
<b>Person</b>	<b>Mignault, Napoleon</b>
<b>Person</b>	<b>Whalley, Jean A</b>
<b>Person</b>	<b>Hammell, Aurthur</b>
<b>Person</b>	<b>O'Connell, John J</b>
<b>Person</b>	<b>Garonski, Stanislaus</b>
<b>Person</b>	<b>Tremblay, Fred</b>
<b>Person</b>	<b>Pelletier, Rene</b>
<b>Person</b>	<b>Milminkowski, Victoria</b>
<b>Person</b>	<b>LeFavre, Joseph Z</b>
<b>Streets</b>	<b>Montgomery Street</b>
<b>Streets</b>	<b>Brookline Avenue</b>
<b>Streets</b>	<b>Massachusetts Avenue</b>

<b>Streets</b>	<b>Ivy Street</b>
<b>Streets</b>	<b>Prospect Street</b>
<b>Streets</b>	<b>Ohio Avenue</b>



The Commonwealth of Massachusetts

PLAN OF ROAD  
in the City of

**CHICHESTER**

HAMPDEN COUNTY

Laid out by the  
**COUNTY COMMISSIONERS**

Scale: 40 feet to the inch

**Plan Original Book and Page: ch11018**

**Name of specific Plan:**

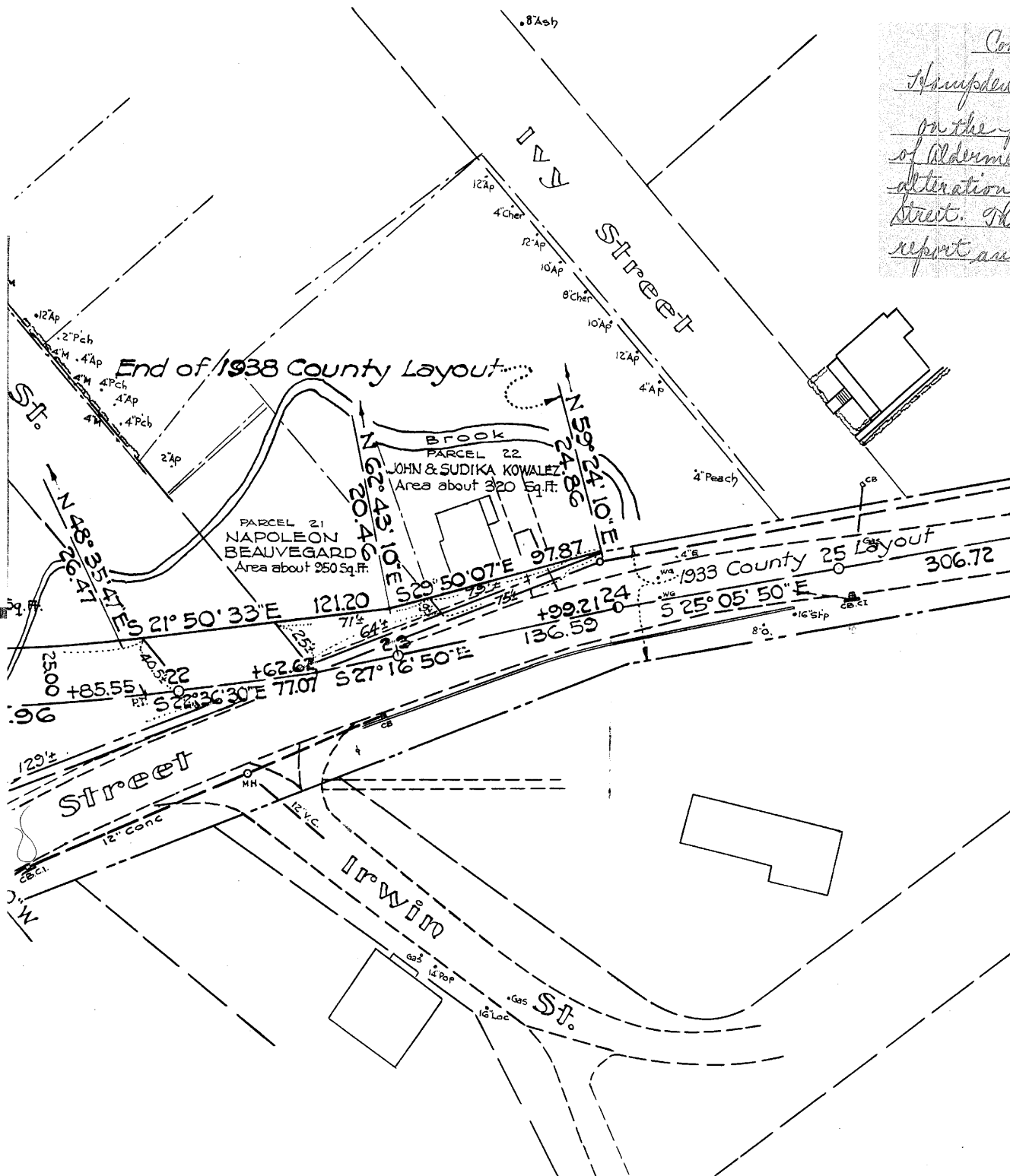
**Plan of Road in City of Chicopee, Mass**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Chicopee, City of</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Kowalez</b>
<b>Person</b>	<b>Goulet</b>
<b>Person</b>	<b>Mignault</b>
<b>Person</b>	<b>La Bonte</b>
<b>Person</b>	<b>Nichols, James</b>
<b>Person</b>	<b>LaFlamme</b>
<b>Person</b>	<b>Beauvegard</b>
<b>Streets</b>	<b>Ohio Avenue</b>
<b>Streets</b>	<b>Ivy Street</b>
<b>Streets</b>	<b>Irwin Street</b>
<b>Streets</b>	<b>Montgomery Street</b>
<b>Streets</b>	<b>Wood Street</b>
<b>Streets</b>	<b>Pennsylvania Avenue</b>
<b>Streets</b>	<b>Towne Street</b>





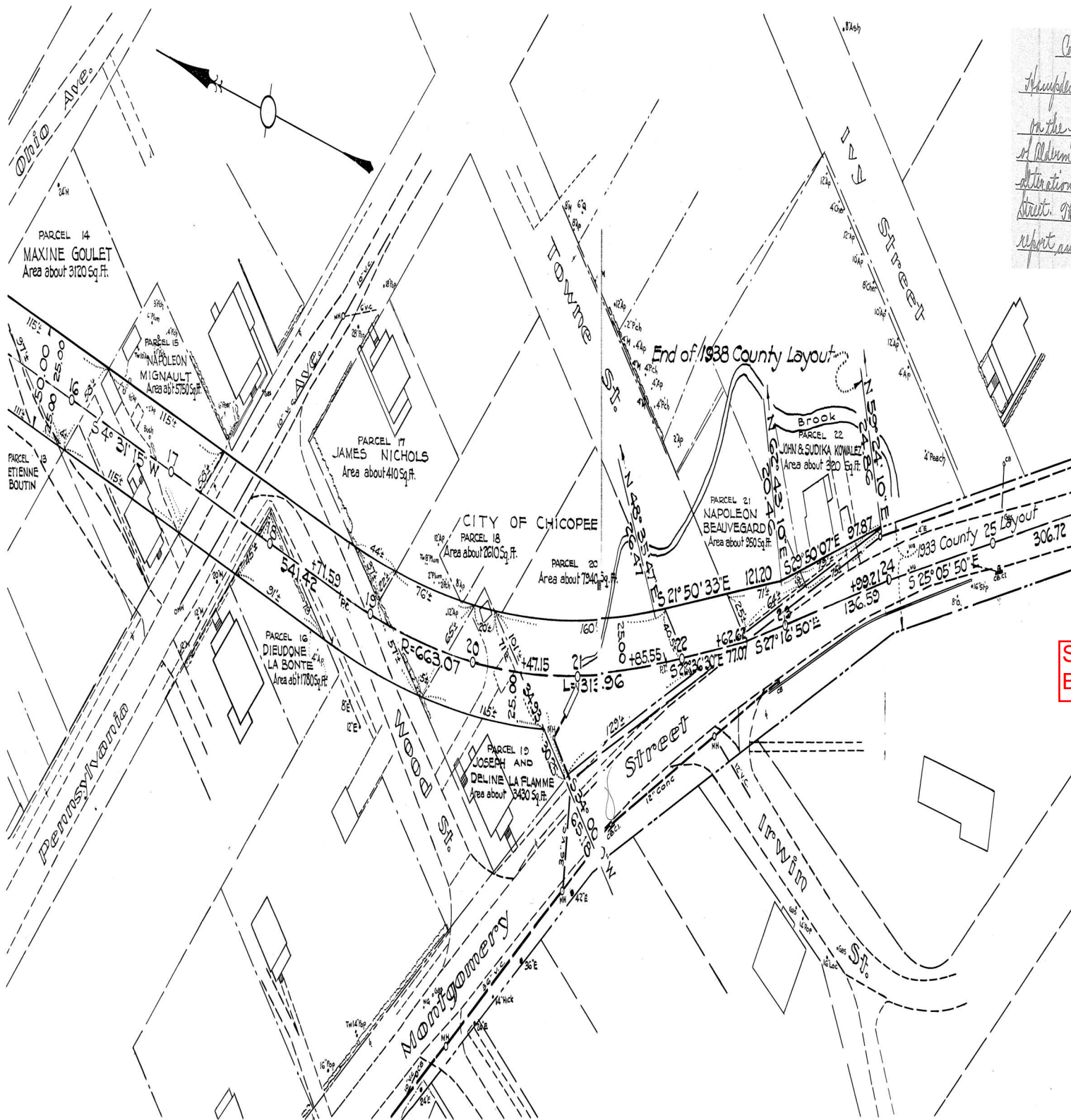


Commonwealth of Massachusetts  
 Springfield, ss: December 28, 1938  
 on the petition of the Mayor and Board  
 of Aldermen of the City of Chicopee for relocation,  
 alterations and specific repairs on Montgomery  
 Street. This plan is filed with the relocation  
 report and made a part thereof.

Alfred J. Costello  
 Edward J. Stapleton  
 Francis M. O'Regan  
 County  
 Commissioners  
 Assoc. Commissioner

See County Commissioners'  
 Record Book Page

See County Commissioners  
 Book 23 Page 39



Commonwealth of Massachusetts  
 Chapter, no. \_\_\_\_\_  
 December 28, 1938  
 In the petition of the Mayor and Board of Aldermen of the City of Chicopee for relocation, alterations and specific repairs on Montgomery Street. This plan is filed with the relocation report and made a part thereof.

Philip J. Costello  
 Edward J. Costello  
 Francis M. O'Hugh  
 County Commissioners  
 Assoc. Commissioner

See County Commissioners' Record Book Page 49

See County Commissioners' Record Book Page 49

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***Description of Plan Group:***

East Street northern boundary Chestnut Street to State Street

---

***Date of Plan:*** 1939***Date Plan Approved:*** 1939***Highway Book #:*** ch11***Highway Page #:*** 019***Commissioners Reference Book #:*** 23***Commissioners Reference Page #:*** 039***Public Notes:***



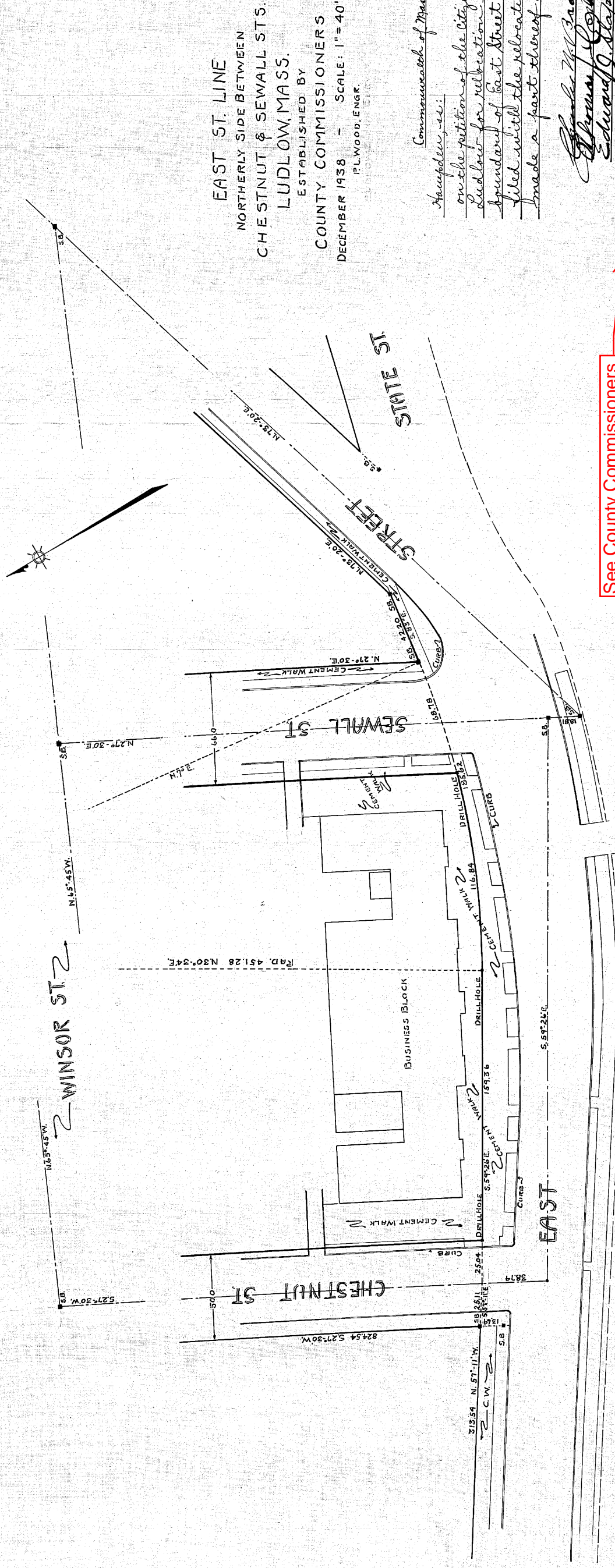
**Plan Original Book and Page:     ch11019**

**Name of specific Plan:**

**East Street northern boundary Chestnut Street to State Street**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Ludlow</b>
<b>Streets</b>	<b>State Street</b>
<b>Streets</b>	<b>Chestnut Street</b>
<b>Streets</b>	<b>Winsor Street</b>
<b>Streets</b>	<b>East Street</b>
<b>Streets</b>	<b>Sewall Street</b>



EAST ST. LINE  
NORTHERLY SIDE BETWEEN  
CHESTNUT & SEWALL STS.  
LUDLOW, MASS.  
ESTABLISHED BY  
COUNTY COMMISSIONERS  
DECEMBER 1938 - SCALE: 1" = 40'  
PL. WOOD, ENGR.

Commonwealth of Massachusetts  
January 4, 1939  
on the petition of the Citizens of the Town of  
Ludlow for relocation of Northern  
boundary of East Street. This plan is  
filed with the relocation report and  
made a part thereof.

County Commissioners  
Edward J. Stapleton  
See County Commissioners' Record, Book 23, Page 39

See County Commissioners  
Book 23 Page 39

**Plan Original Book and Page:     ch11020**

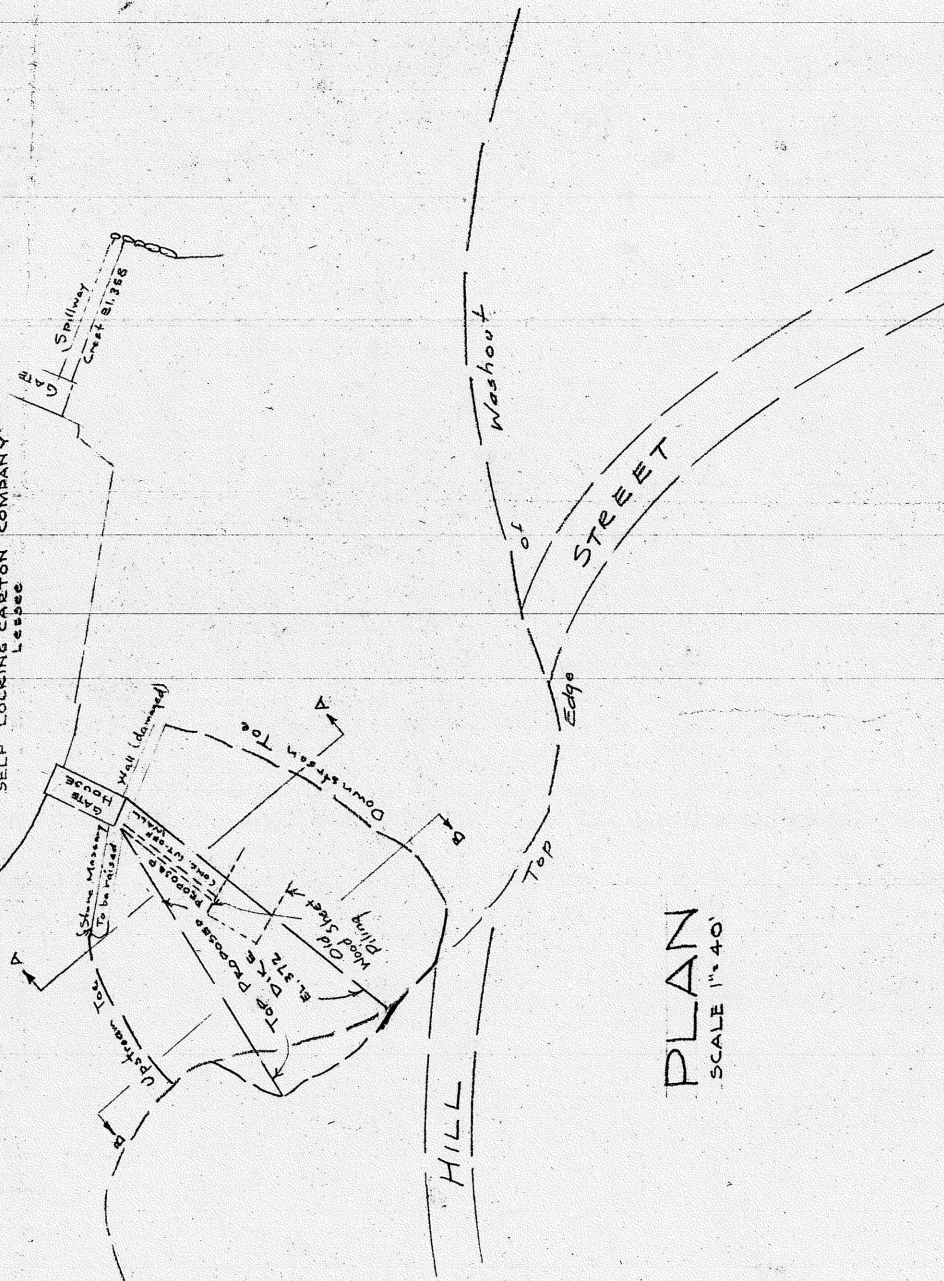
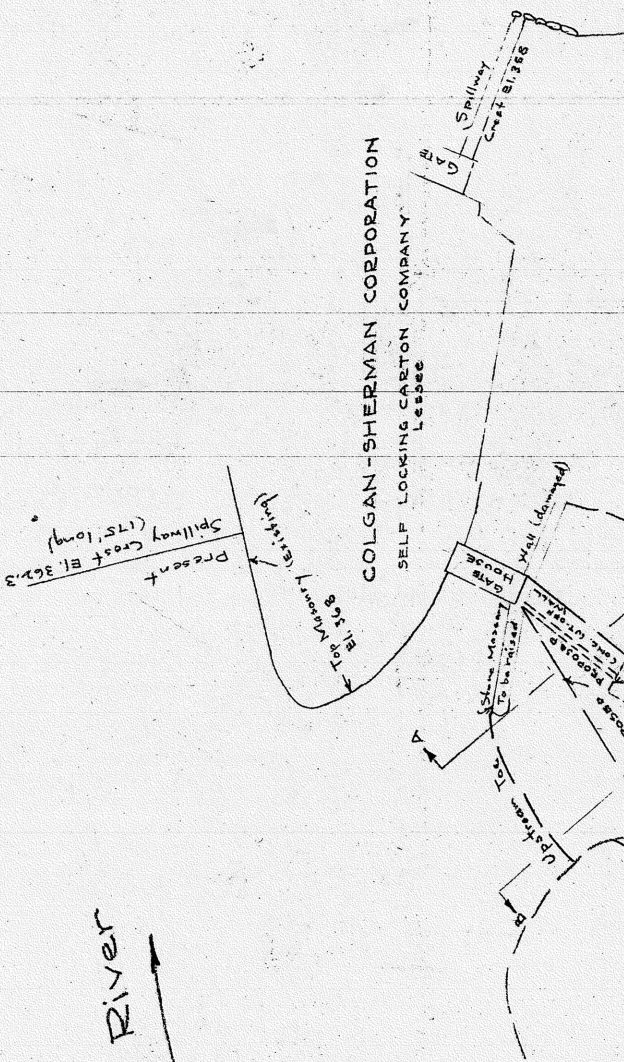
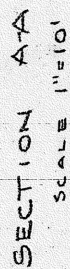
**Name of specific Plan:**

**Dike and Upper Dam on Ware River - Colgan & Sherman  
Company**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Colgan &amp; Sherman Company</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Dam</b>	<b>Colgan &amp; Sherman Company</b>
<b>Dam</b>	<b>Upper Ware River Dam</b>





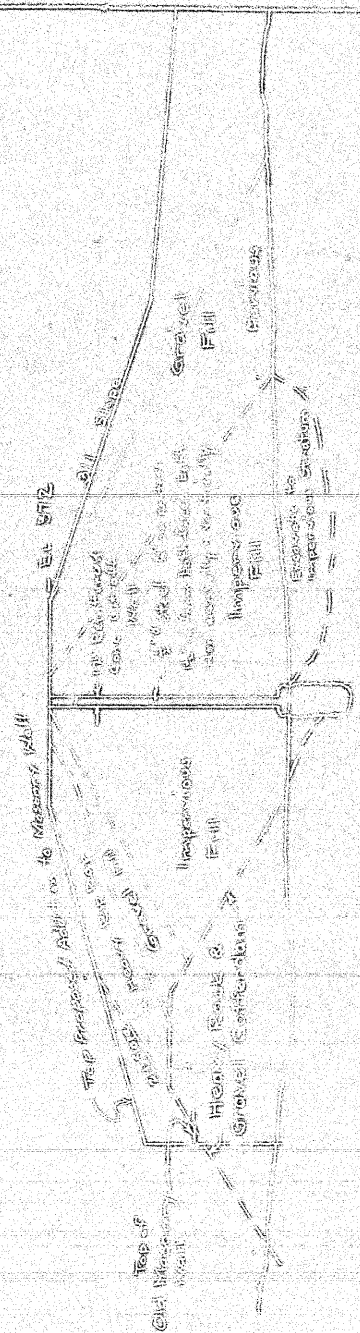
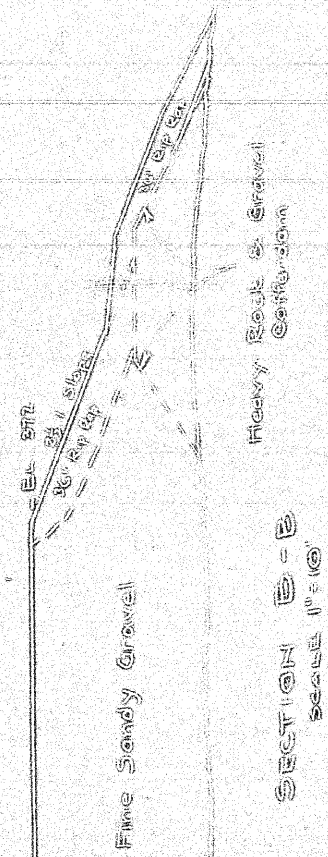
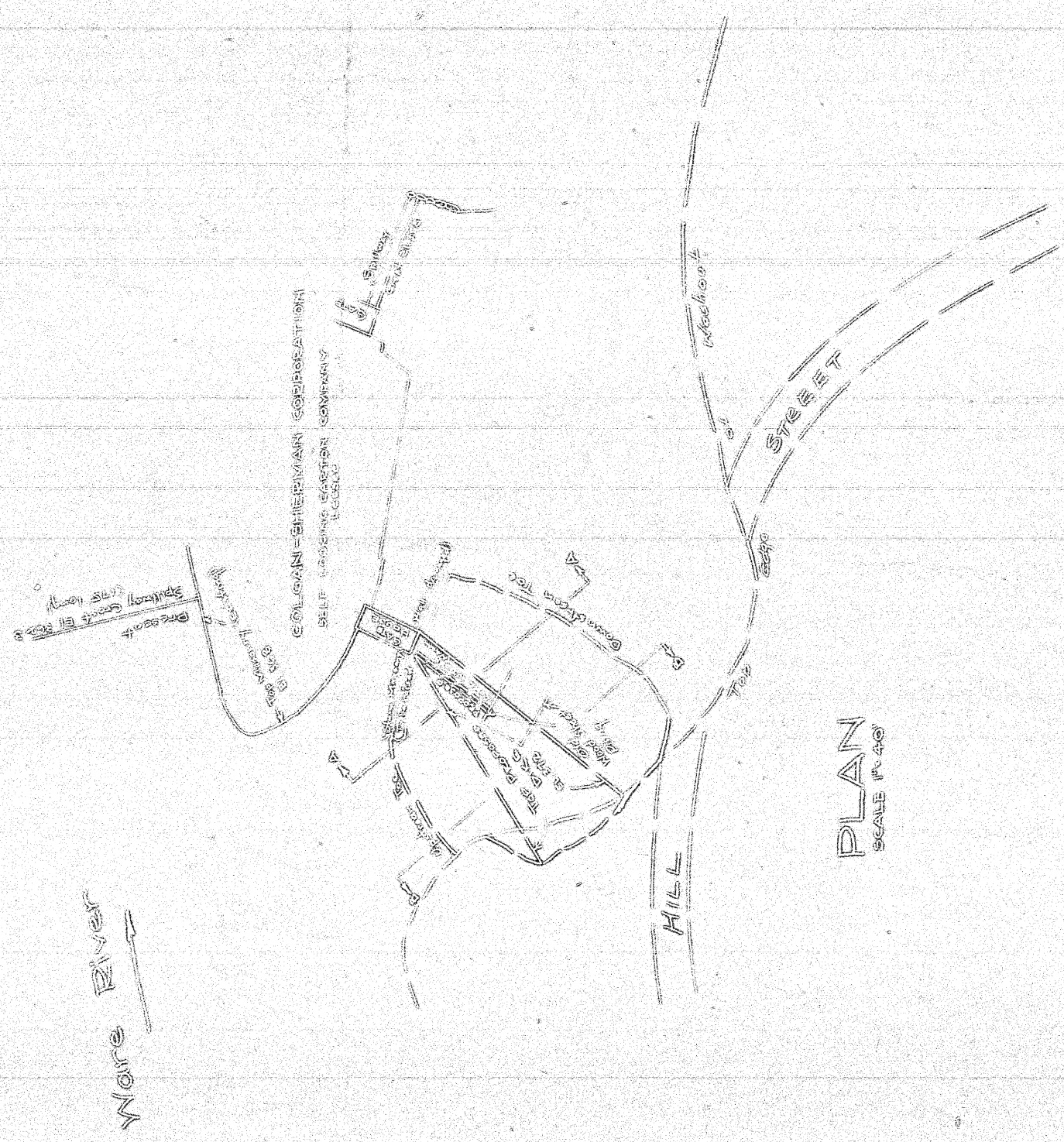
COLGAN-SHERMAN CORP.

PLAN  
SCALE 1"=40'

Preliminary Plan & Sections Showing  
PROPOSED REPAIRS  
TO DIKE AT  
UPPER DAM  
(WEST SIDE)  
WARE RIVER  
THORNDIKE  
PALMER, MASS.  
OCT. 5, 1938  
Nathaniel Clapp Civil Engineer  
PALMER, MASS.

Revised November 1, 1938.



[illegible][illegible]

SCALE 1"=40'

Commonwealth of Massachusetts

Harpenden, ss:

Filed - December 13, 1938

Attest Charles H. Colman, Clerk.

( Approved  
January 11, 1939

Charles M. Brown  
 William J. D. Wells  
 Edward J. D. Wells  
 County Commissioners

COLGAN-SHERMAN CORP.

Preliminary Plan & Sections Showing  
**PROPOSED REPAIRS**  
TO DIKE AT

UPPER DAM  
(WEST  
SIDE)  
WARE RIVER

SEARCHED INDEXED  
SERIALIZED FILED  
APR 5 1968  
FBI - NEW YORK

Revised November 11, 1938

**Plan Original Book and Page:     ch11021**

**Name of specific Plan:**

**Strathmore Paper Company Dam - Wornoco Mills**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Wornoco Mills</b>
<b>Abutters</b>	<b>Strathmore Paper Company</b>
<b>City/Town</b>	<b>West Springfield</b>
<b>Dam</b>	<b>Strathmore Paper Company D</b>
<b>Dam</b>	<b>Strathmore Paper Company -</b>



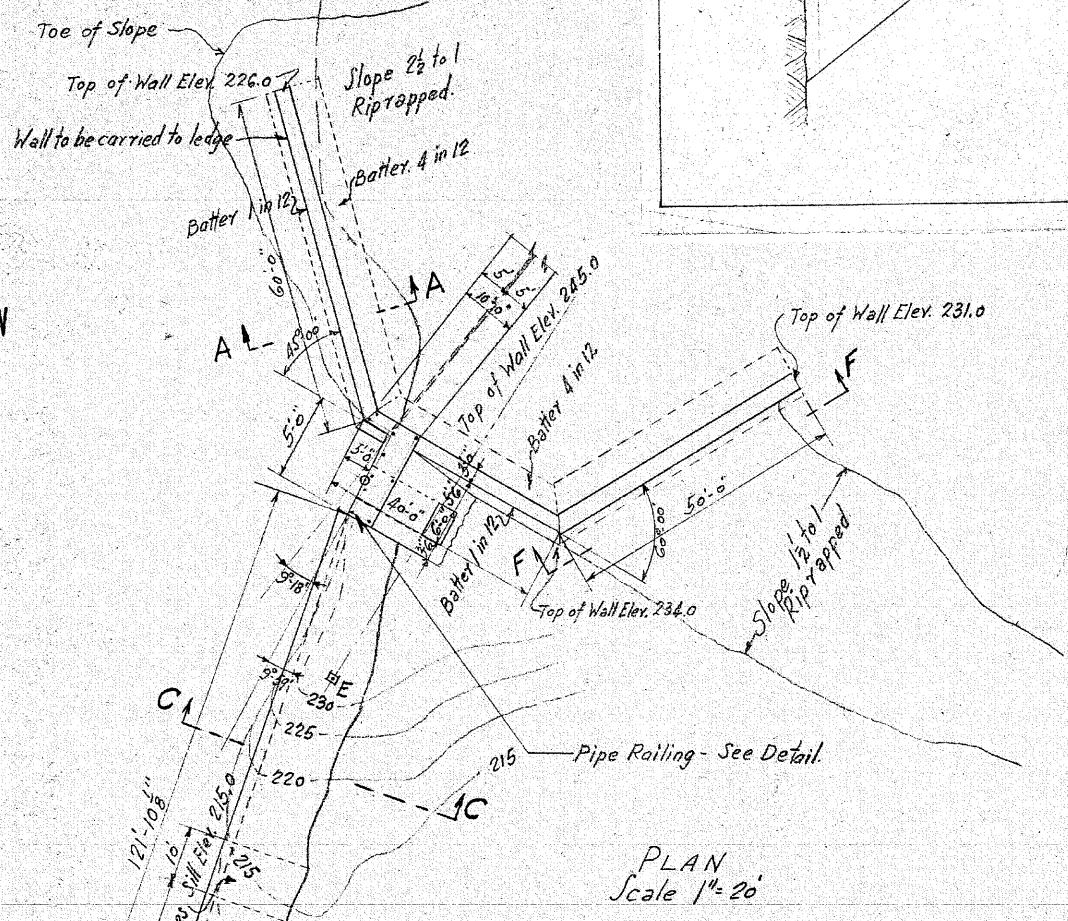
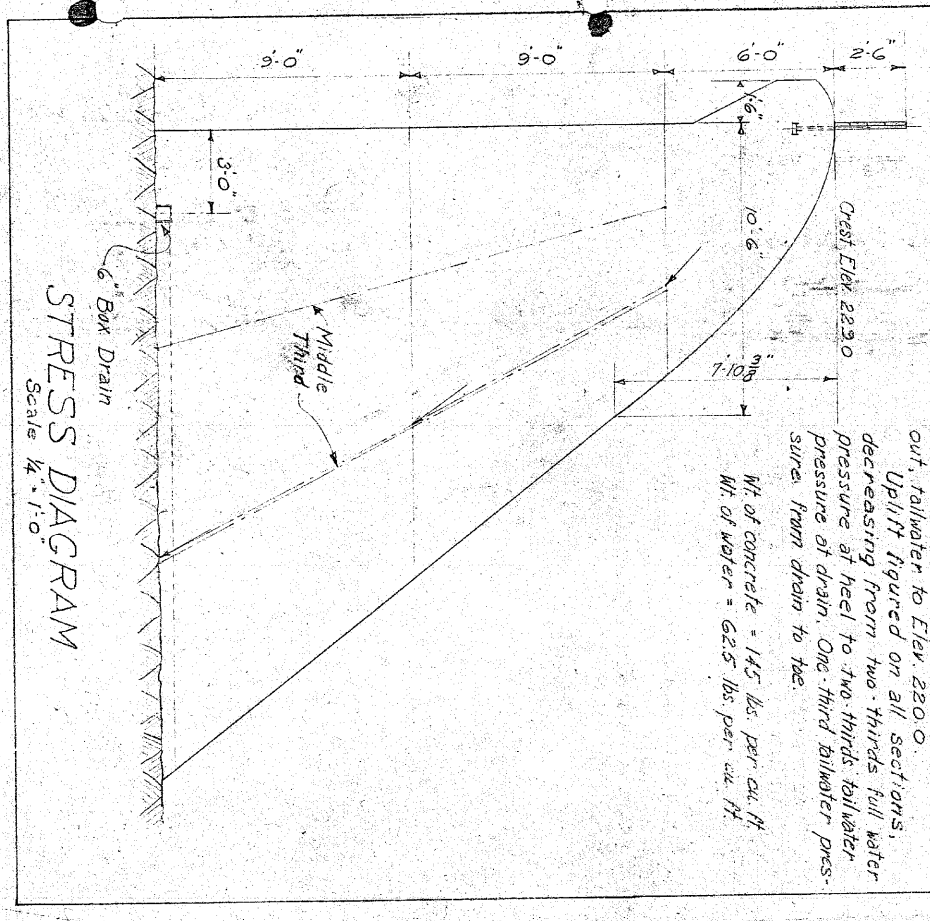
Max H.W. Elev. 229.0

STRATHMORE PAPER COMPANY  
WEST SPRINGFIELD, MASS.  
WORONOCO MILLS  
Chas. T. Main, Inc., Eng'rs.  
Boston, Mass. Dec. 3, 1938

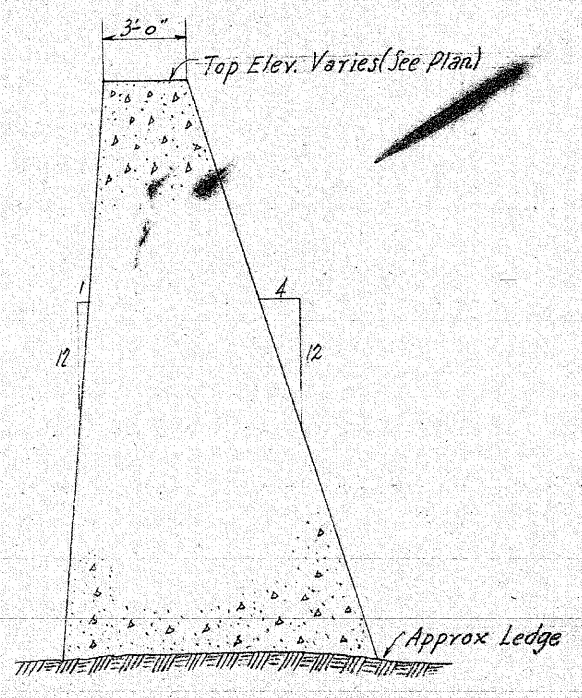
CONDITIONS OF ANALYSIS :-  
Water to Elev. 229.0, flashboards  
out, tailwater to Elev. 220.0.  
Uplift figured on all sections,  
decreasing from two-thirds full water  
pressure at heel to two-thirds tailwater  
pressure at drain. One-third bilgewater pres-  
sure from drain to toe.

Wt. of concrete = 145 lbs. per cu. ft.  
Wt. of water = 62.5 lbs. per cu. ft.

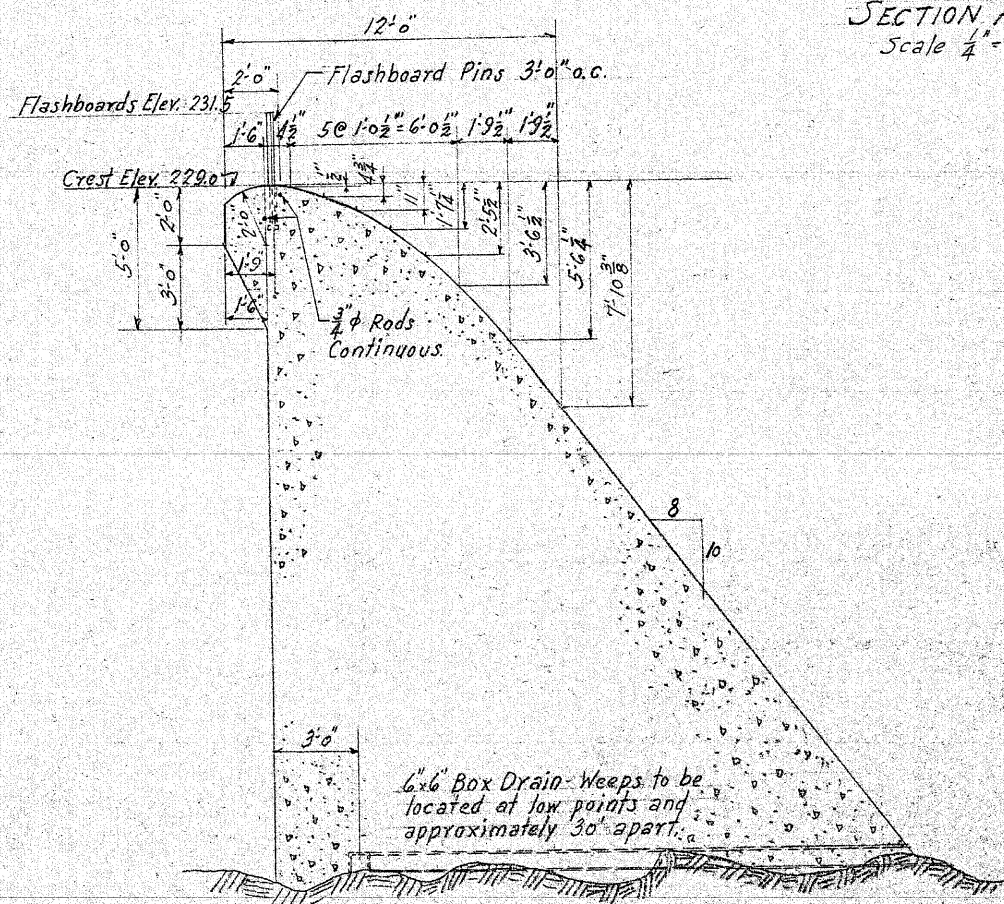
STRESS DIAGRAM  
Scale 1/4" = 1'-0"



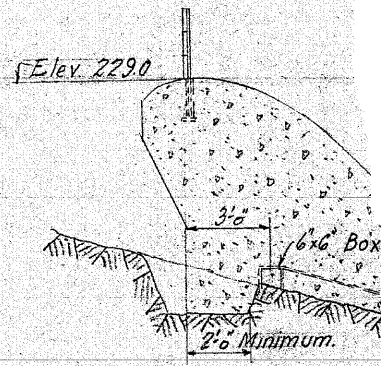
PLAN  
Scale 1" = 20'



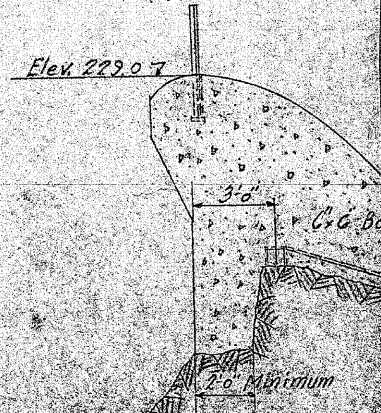
SECTION A-A  
Scale 1/4" = 1'-0"



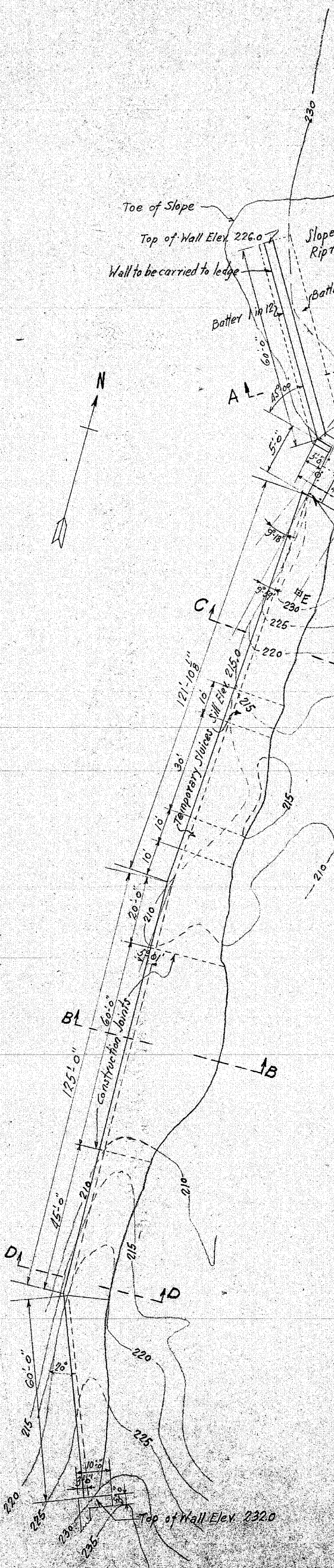
SECTION B-B  
Scale 1/4" = 1'-0"



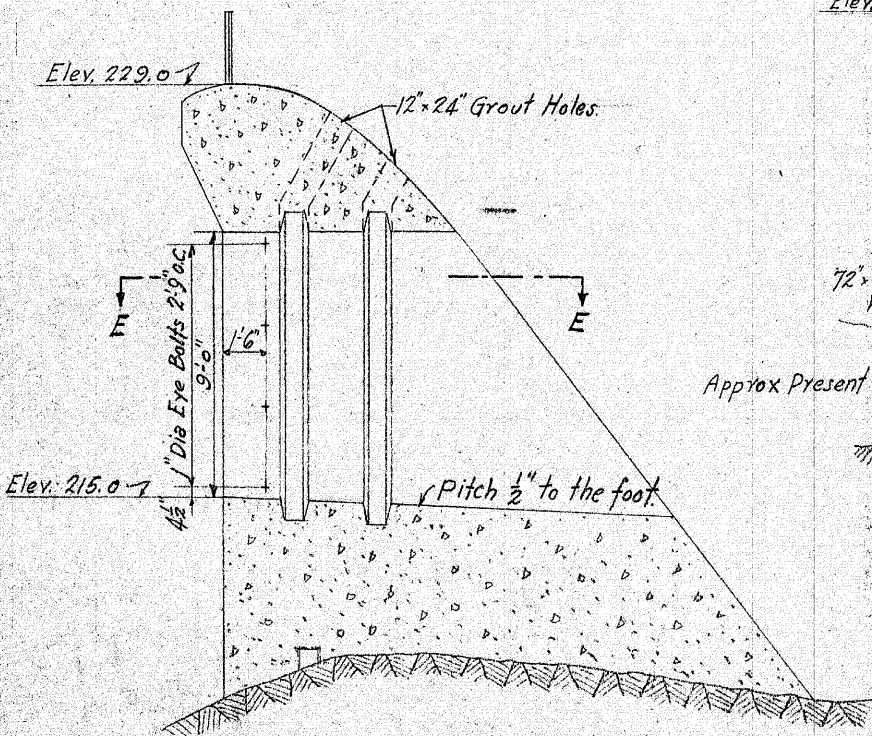
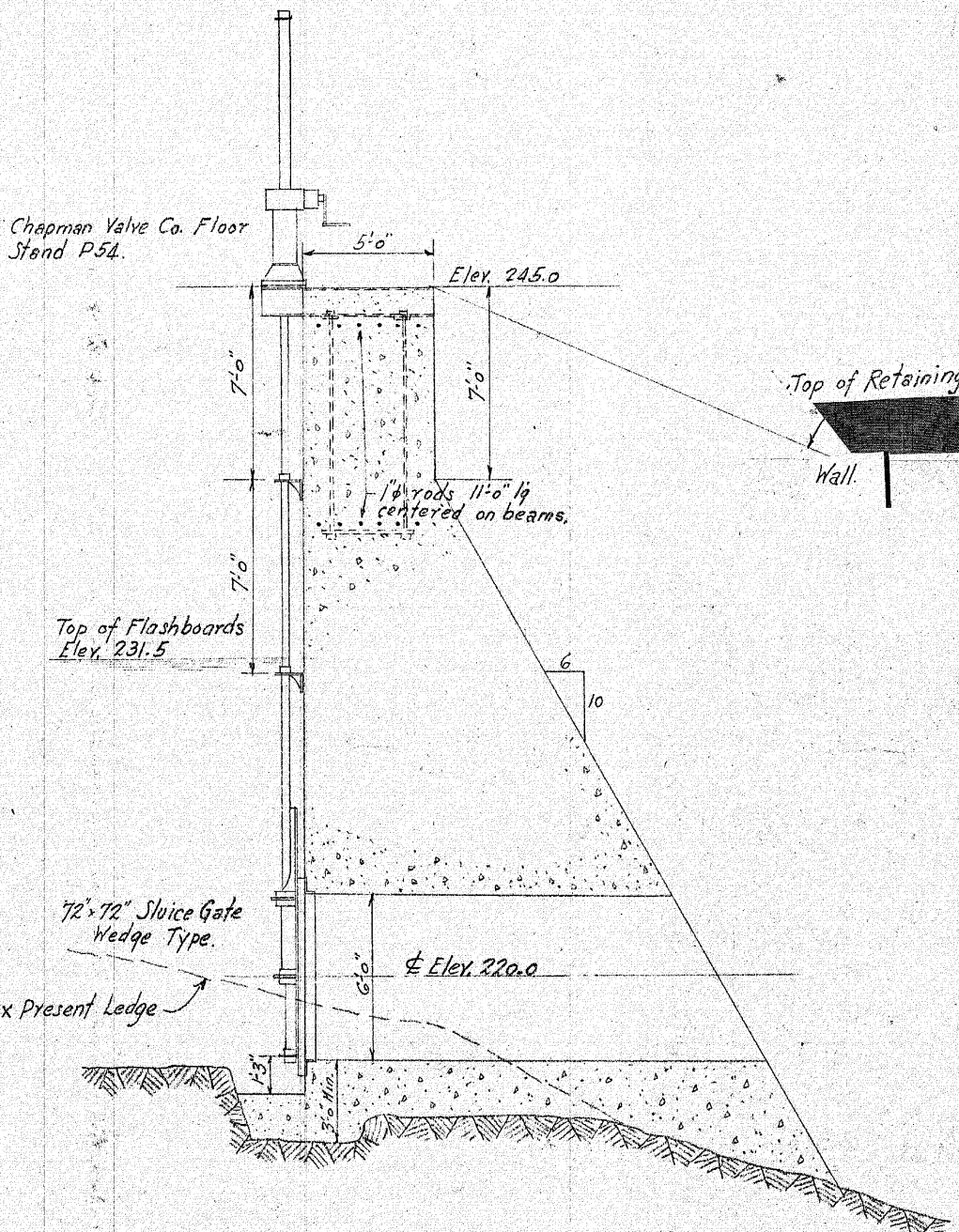
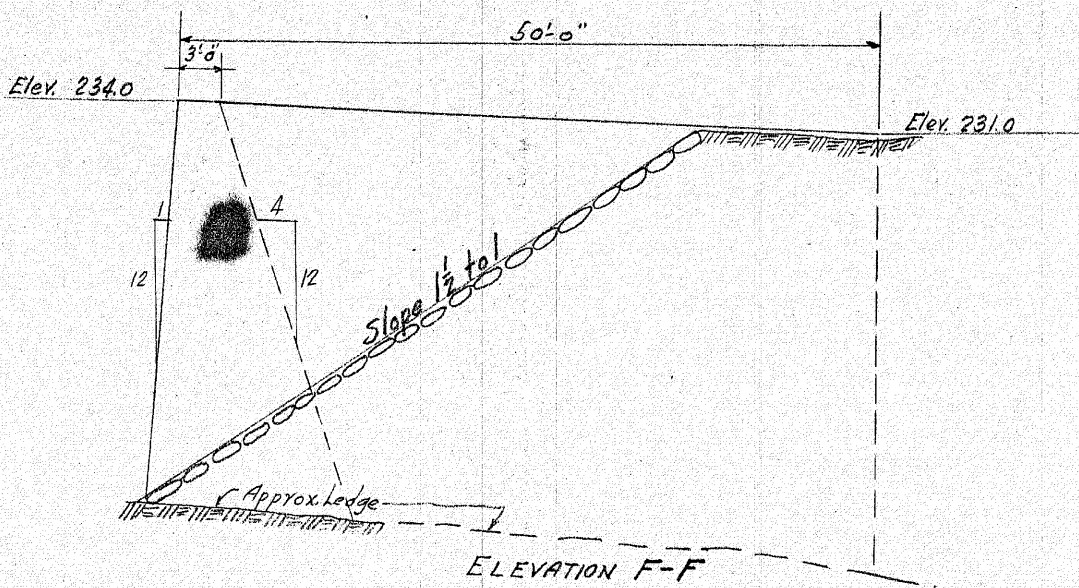
SECTION C-C  
Scale 1/4" = 1'-0"



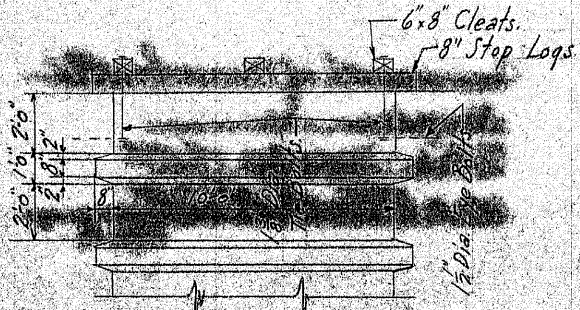
SECTION D-D  
Scale 1/4" = 1'-0"







SECTION THROUGH TEMPORARY SLUICE  
Scale 1/4" = 1'-0"



SECTION E-E  
Scale 1/4" = 1'-0"

SECTION THROUGH SLUICE GATE  
Scale 1/4" = 1'-0"

STRATHMORE PAPER COMPANY. WEST SPRINGFIELD MASS. WORONOCO MILLS.			
PLAN & SECTIONS OF SPILLWAY & DIKE.			
CHAS. T. MAIN, INC., ENGINEERS. 201 DEVONSHIRE ST. BOSTON, MASS. U.S.A.			
REVISIONS			
Dec 12 '38 East End Wing Wall changed			
Dec 16 '38 North End of Spillway, Sluice Gate Section, and Abutment Walls.			
revised Dam Section Revised			
IN CHARGE OF W.F.U.	SCALE As Noted	1393-1 A	
DRAWN TRACED CHECKED	DATE Oct 28, 1938		
B.S.R. J.J.D.			



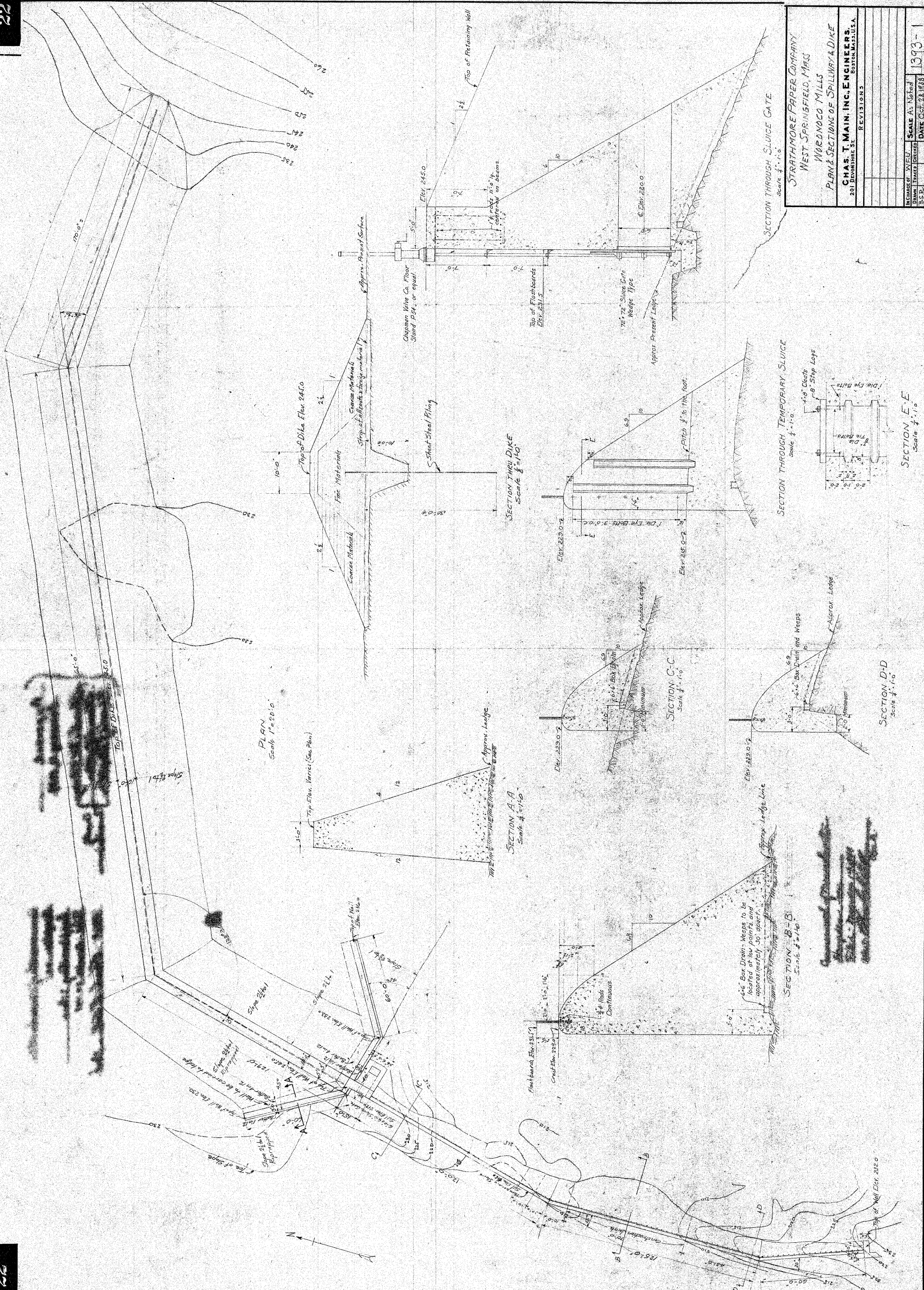
**Plan Original Book and Page:      ch11022**

**Name of specific Plan:**

**Strathmore Paper Company - West Springfield, Mass - Wornoco Mills - Plan & Sections of Spillways & Dikes**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Wornoco Mills</b>
<b>Abutters</b>	<b>Strathmore Paper Company -</b>
<b>Dam</b>	<b>Strathmore Paper Company D</b>
<b>Dam</b>	<b>Strathmore Paper Company -</b>



---

***Description of Plan Group:***

**Westfield River Paper Company Dam & Dike Repair**

---

***Date of Plan:*** 1938  
***Date Plan Approved:*** 1938  
***Highway Book #:*** ch11  
***Highway Page #:*** 023  
***Commissioners Reference Book #:*** 23  
***Commissioners Reference Page #:*** 070



***Public Notes:***

**See also: Dams (Russell) - "Westfield River Paper Company" - D16006.**

**Plan Original Book and Page:      ch11023**

**Name of specific Plan:**

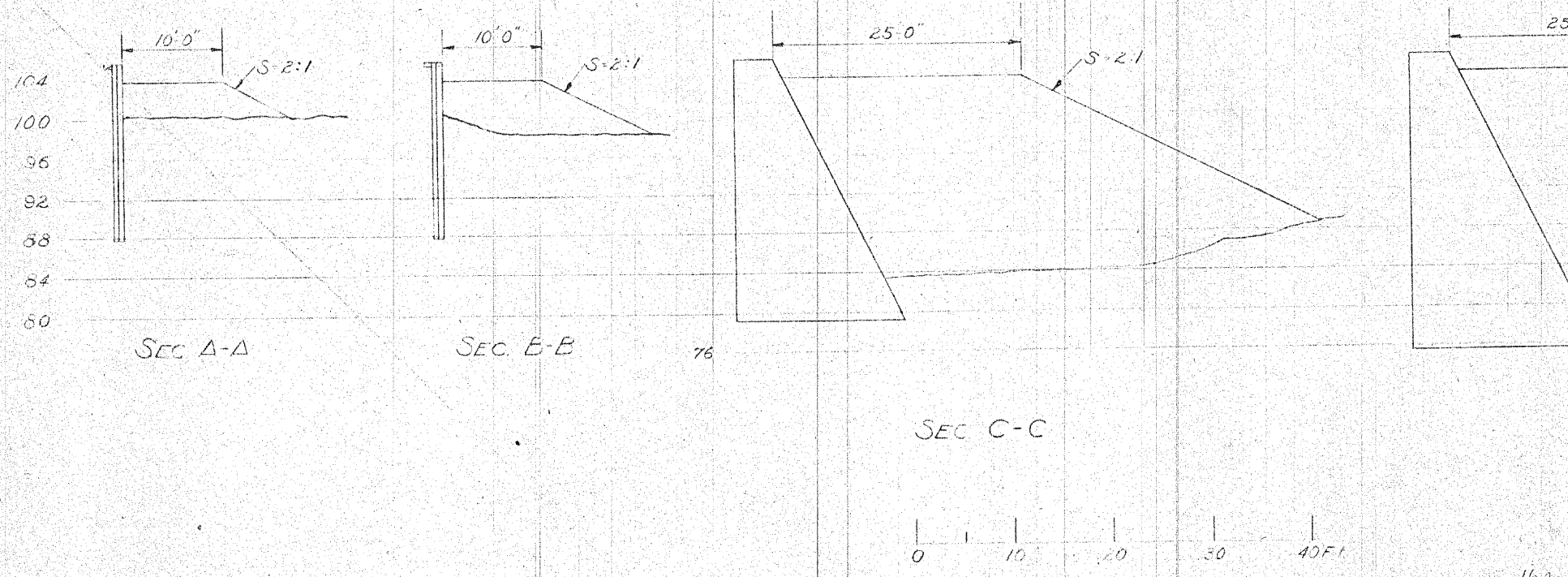
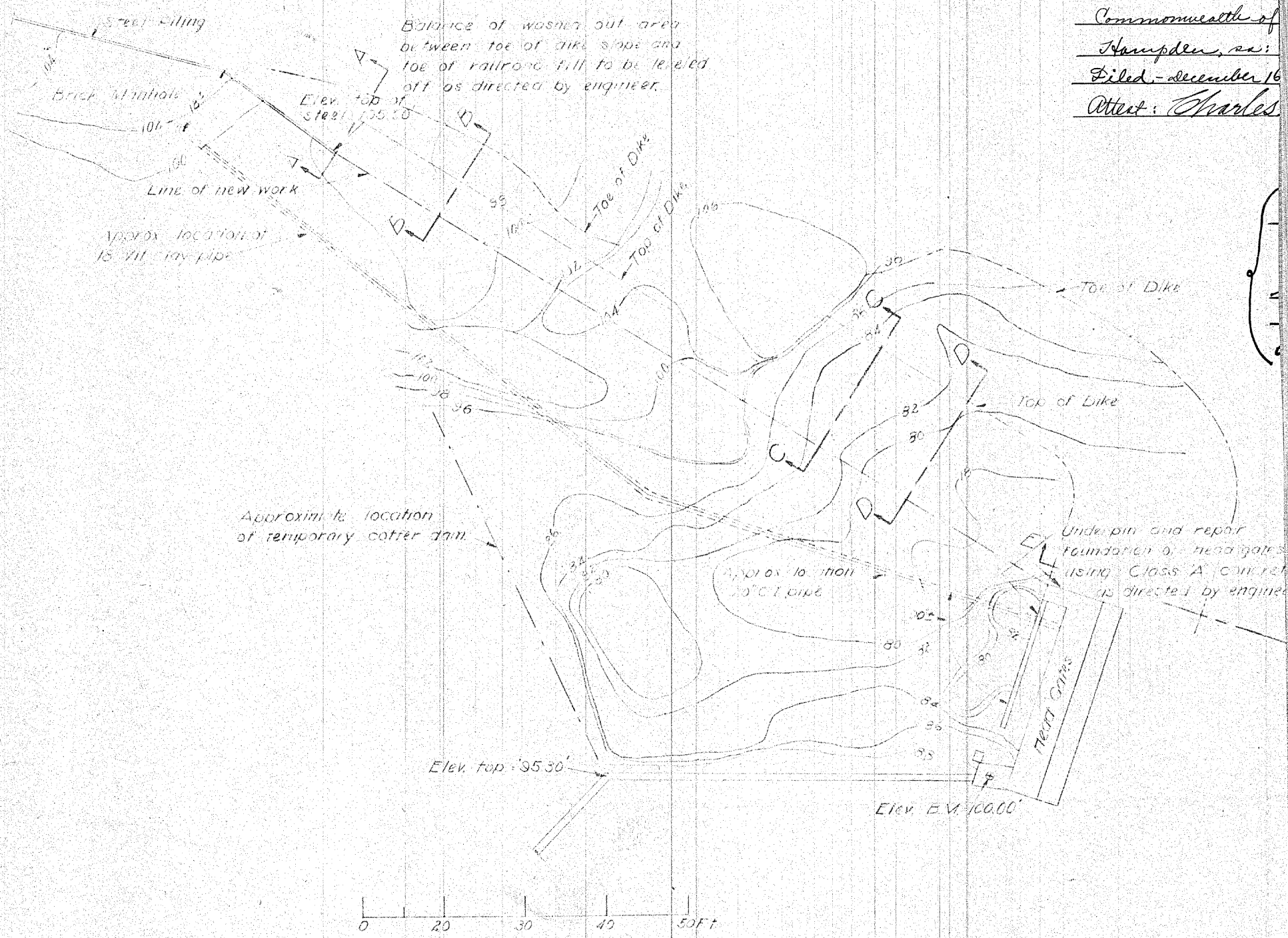
**Westfield River Paper Company Dam & Dike Repair**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Russell</b>
<b>Dam</b>	<b>Westfield Paper Company Da</b>
<b>Dam</b>	<b>Westfield River Paper Compa</b>
<b>Water</b>	<b>Westfield River</b>



Commonwealth of  
Hampden, sa:  
Filed - December 16  
Attest: Charles

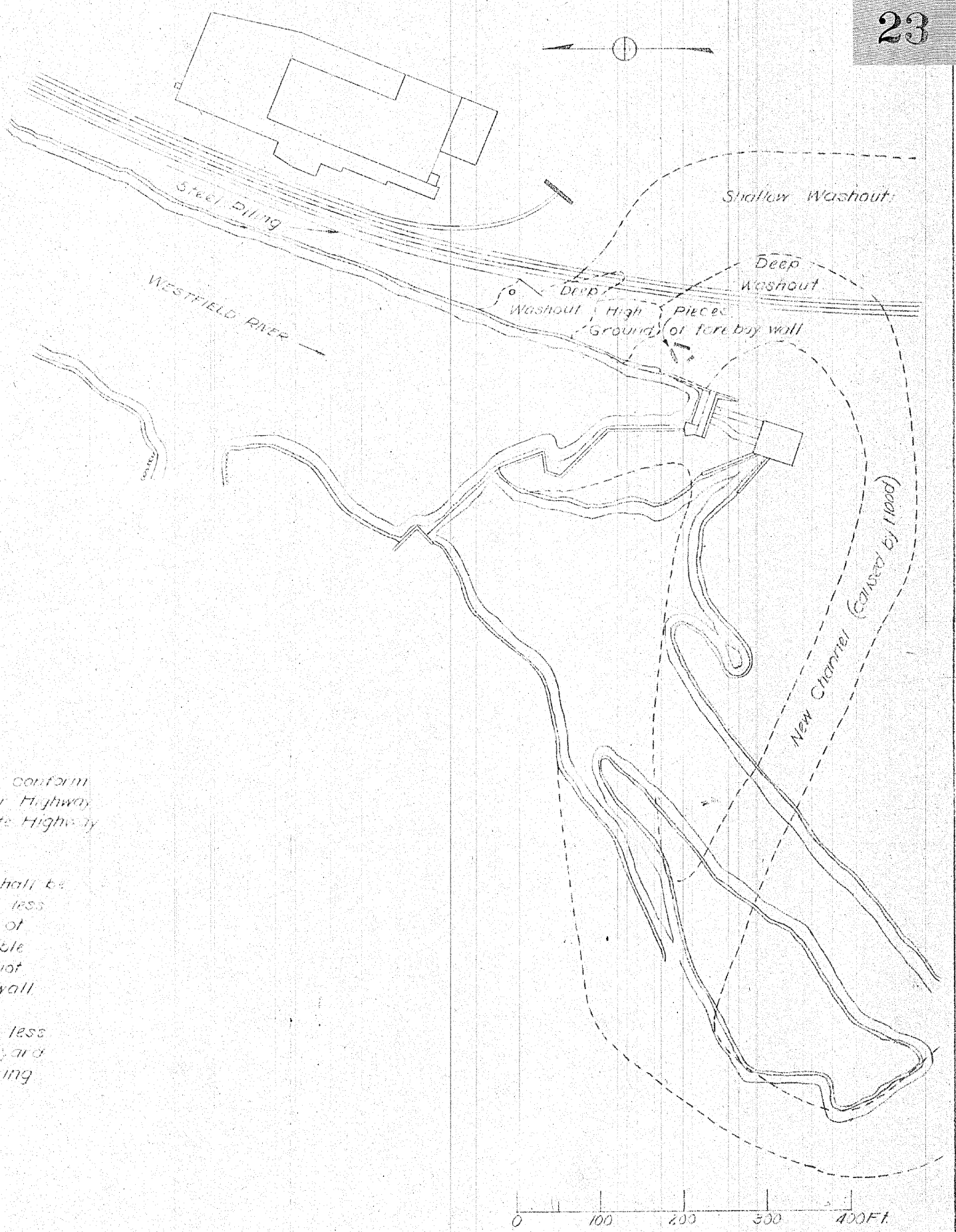


Massachusetts

1938  
M. C. Muller

Approved,  
January 11, 1939.

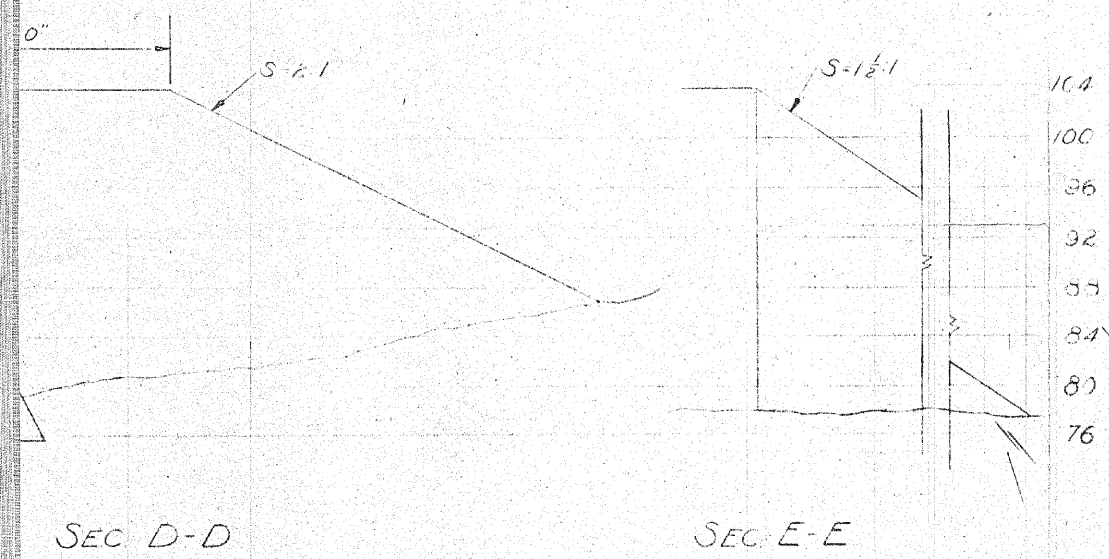
Charles W. Bray  
Chas. J. [unclear]  
Edward J. Stapleton } County Commissioners



Design, Materials, and Construction shall conform to the latest Standard Specifications for Highway Bridges of the American Assoc. of State Highway Officials.

Concrete for the gravity section of wall shall be Class 'B' rubble concrete containing not less than 5 bags of cement per cubic yard of concrete exclusive of the volume of rubble stone. The volume of rubble stone shall not exceed more than  $\frac{1}{3}$  the volume of the wall.

Class 'A' concrete shall contain not less than  $6\frac{1}{2}$  bags of cement per cubic yard nor more than 5 gallons of total mixing water per bag of cement.



See County Commissioners Book 23 Page 70

County Commissioners Record  
Book #23 Page #70

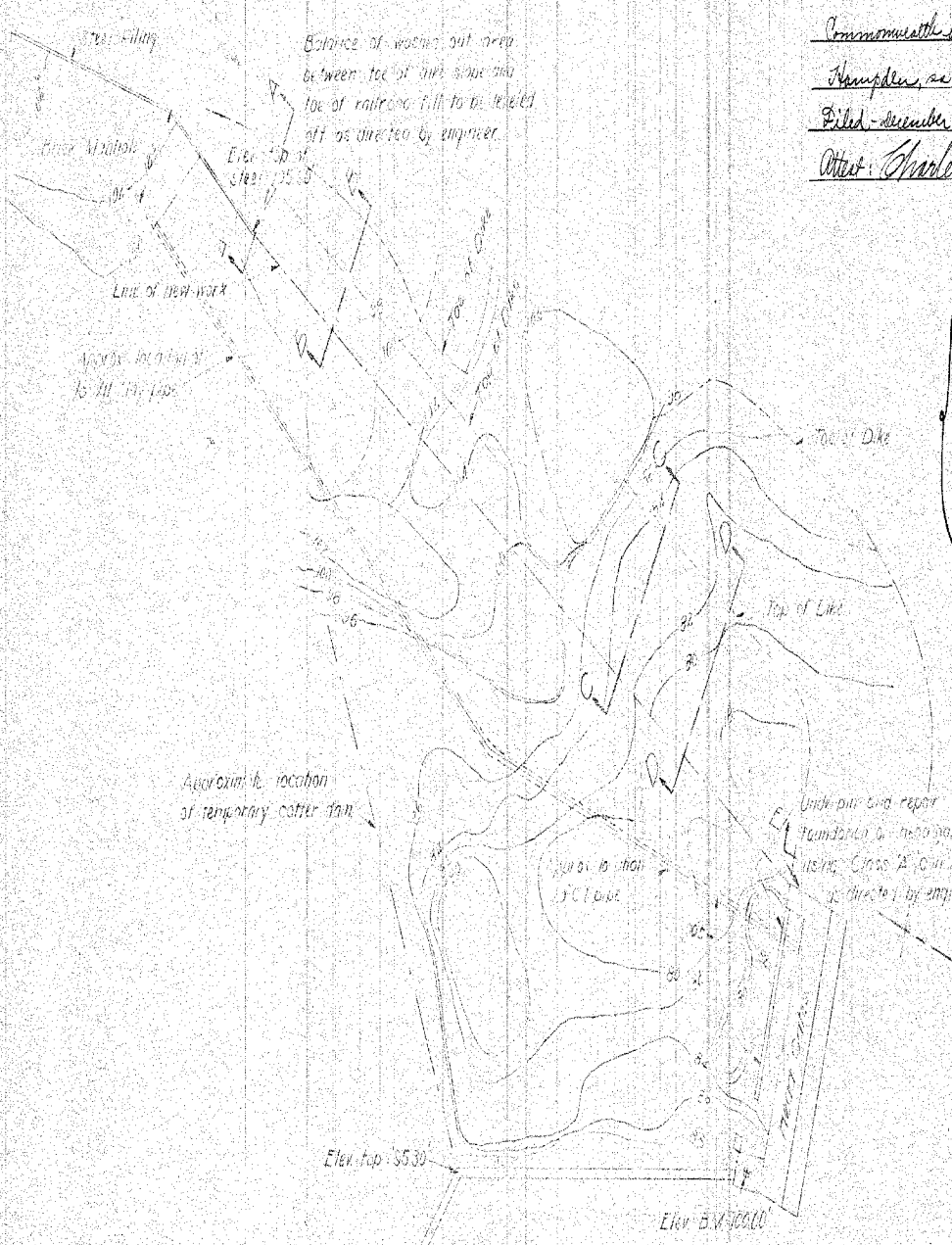
REVISED	HARRISON G. WHITE ENGINEERS SPRINGFIELD, MASS.		
LOCATED BY S. C. [unclear] W. J. [unclear] 10/16/11/38	GENERAL PLAN RECONSTRUCTION OF DIKE WESTFIELD RIVER PAPER CO. RUSSELL, MASS.		
DES. BY	CHKD. BY	SCALE AS SHOWN	
DRN. BY G. A. S.	APP. BY	NOV 1, 1938	
FR. N. ED. 11-25-38	DWG. NO. D-1531-1		



Commonwealth of Massachusetts  
Hampden, ss:  
Filed - December 16, 1938  
Attest: Charles H. Gibson, Clerk.

Approved,  
January 11, 1939.

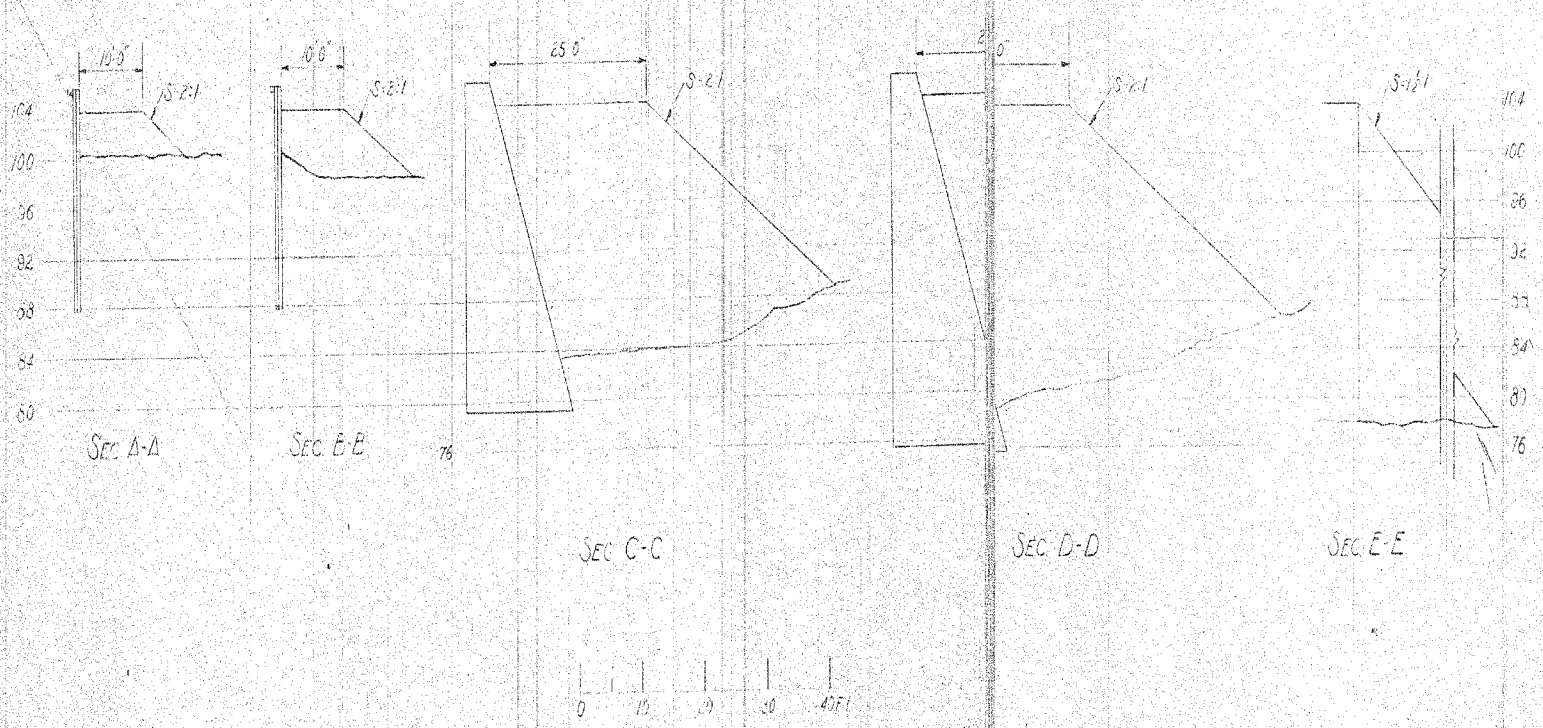
Charles W. Bray  
Charles W. Bray  
Edward J. Appleton  
County  
Commissioners



Design, Materials and Construction shall conform to the latest Standard Specifications for Highway Bridges of the American Assoc. of State Highway Officials.

Concrete for the gravity section of wall shall be Class B rubble concrete containing not less than 5 bags of cement per cubic yard of concrete exclusive of the volume of rubble stone. The volume of rubble stone shall not exceed more than 1/3 the volume of the wall.

Class A concrete shall contain not less than 6 1/2 bags of cement per cubic yard nor more than 5 gallons of total mixing water per bag of cement.



See County Commissioners Book 23 Page 70

County Commissioners Record  
Book #23 Page 70

REVISION	HARRISON G. WHITE	
DATE	ENGINEERS	
BY	SPRINGFIELD, MASS.	
GENERAL PLAN		
RECONSTRUCTION OF DIKE		
WESTFIELD RIVER WATER CO.		
ROCKELL, MASS.		
DES. BY	CAD. BY	SCALE AS SHOWN
DRAWN BY	G. A. S. LARSEN	NOV. 1, 1938
FRONT	Dwg. No. D-1531-1	

**Plan Original Book and Page:     ch11024**

**Name of specific Plan:**

**General Plan Reconstruction of Dike - Westfield River Paper  
Company - Russell, Mass**



<b>Category</b>	<b>Index</b>
<b>Dam</b>	<b>Westfield River Paper Compa</b>
<b>Dam</b>	<b>Westfield paper Company Da</b>
<b>Water</b>	<b>Westfield River</b>





REVISED	HARRISON G. WHITE ENGINEERS SPRINGFIELD MASS  WALLS AND STEEL DETAILS RECONSTRUCTION OF DIKE WESTFIELD PARK, PA. CO. RUSSELL WALKER	DRAWN BY CHECKED BY DESIGNED BY SCALE 1" = 10'-0" DATE 12/13/95 DESIGN D-0312
PRINTED 4-76		

**Plan Original Book and Page:     ch11025**

**Name of specific Plan:**

**Proposed Dam - Alden Street & Red Bridge Pond in Ludlow,  
Mass.**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Ludlow Manufacturing Associ</b>
<b>City/Town</b>	<b>Ludlow</b>
<b>Streets</b>	<b>Alden Street</b>
<b>Water</b>	<b>Red Bridge Pond</b>





Petition of the Ludlow Mfg. Associates  
for approval of plans and specifications  
for erection of a dam and embankment  
near Alden Street and Red Bridge Pond  
in Ludlow

Commonwealth of Massachusetts

Hampden, ss:

Filed: Dec. 13, 1938

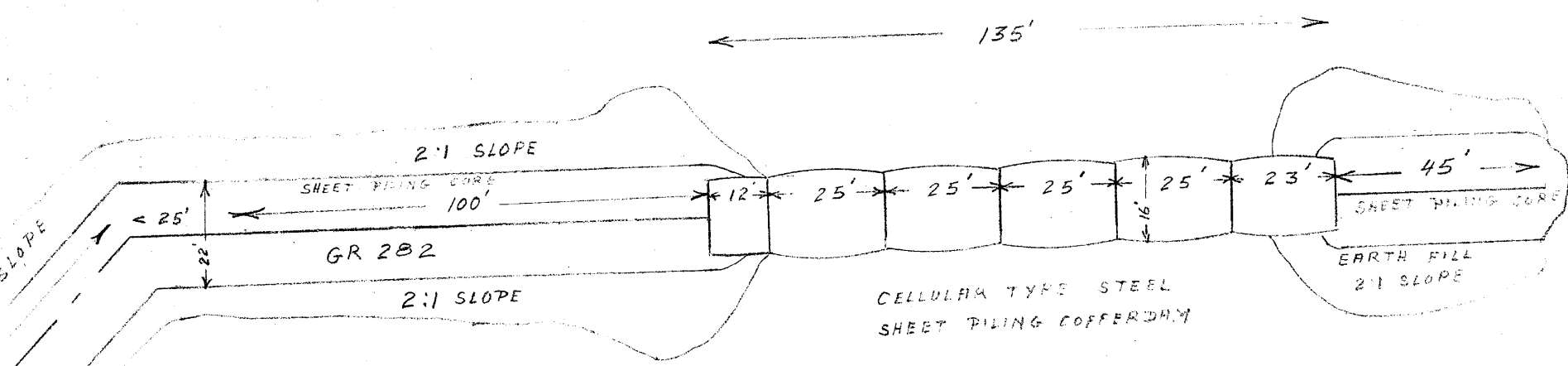
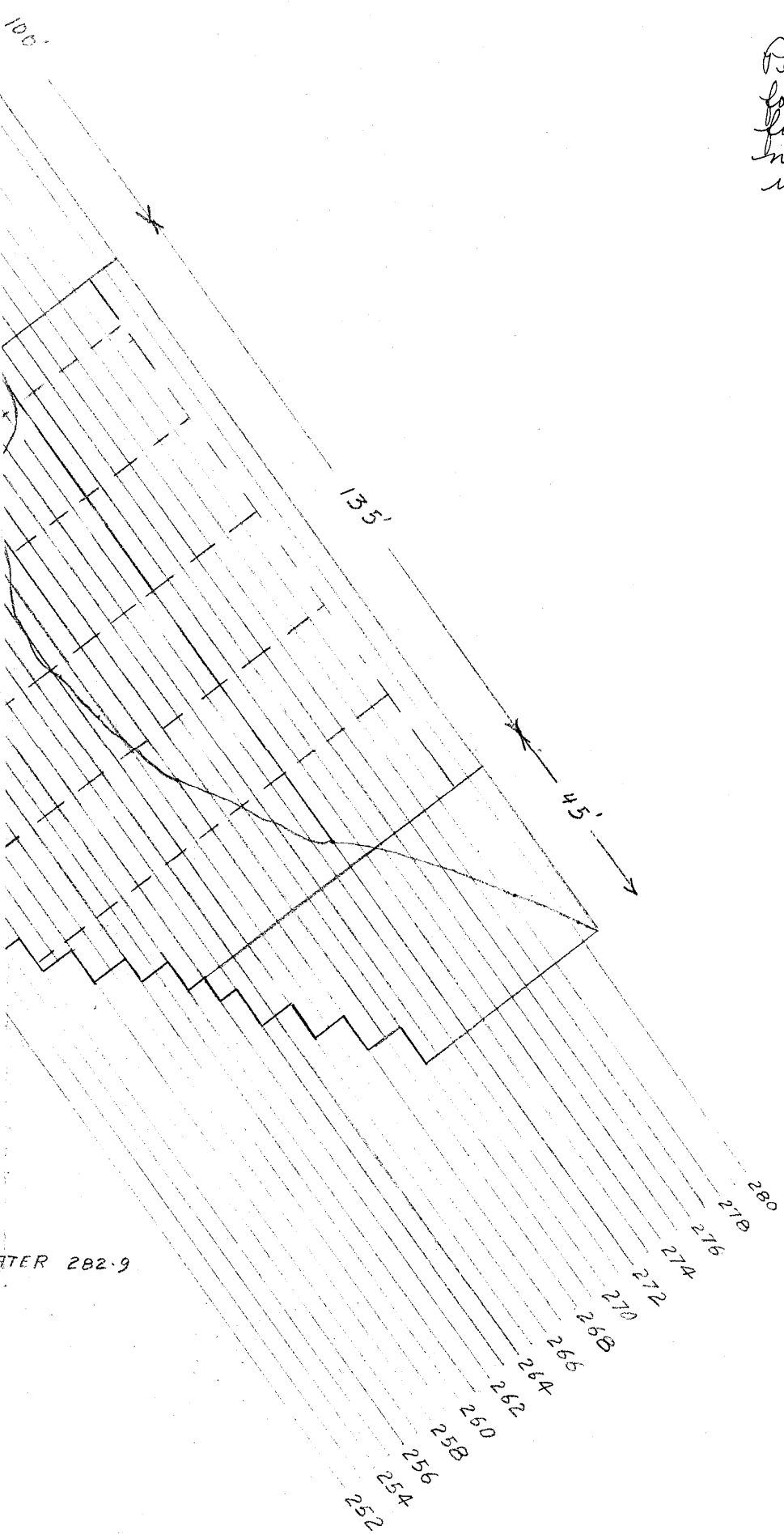
Attest: Charles M. Colborn Clerk

COUNTY COMMISSIONERS RECORD  
Book #23 Page #68

See County Commissioners  
Book 23 Page 68

Approved,  
January 11, 1939

Charles M. Bray  
Oliver W. Gault  
Edward J. Stapleton } County  
Commissioners



NOTE: WHEN BANK IS RAISED  
TO GR 285 TOP BANK WILL  
BE 10 FT WIDE

PROPOSED DAM  
ALDEN ST.

OCT 18 1938

10/18/38

Petition of the Ludlow Mfg. Associate  
for approval of plans and specifications  
for erection of a dam and embankment  
near Alden Street and Red Bridge Pond  
in Ludlow

Commonwealth of Massachusetts

Hampden, ss.

Filed: Dec. 13, 1938

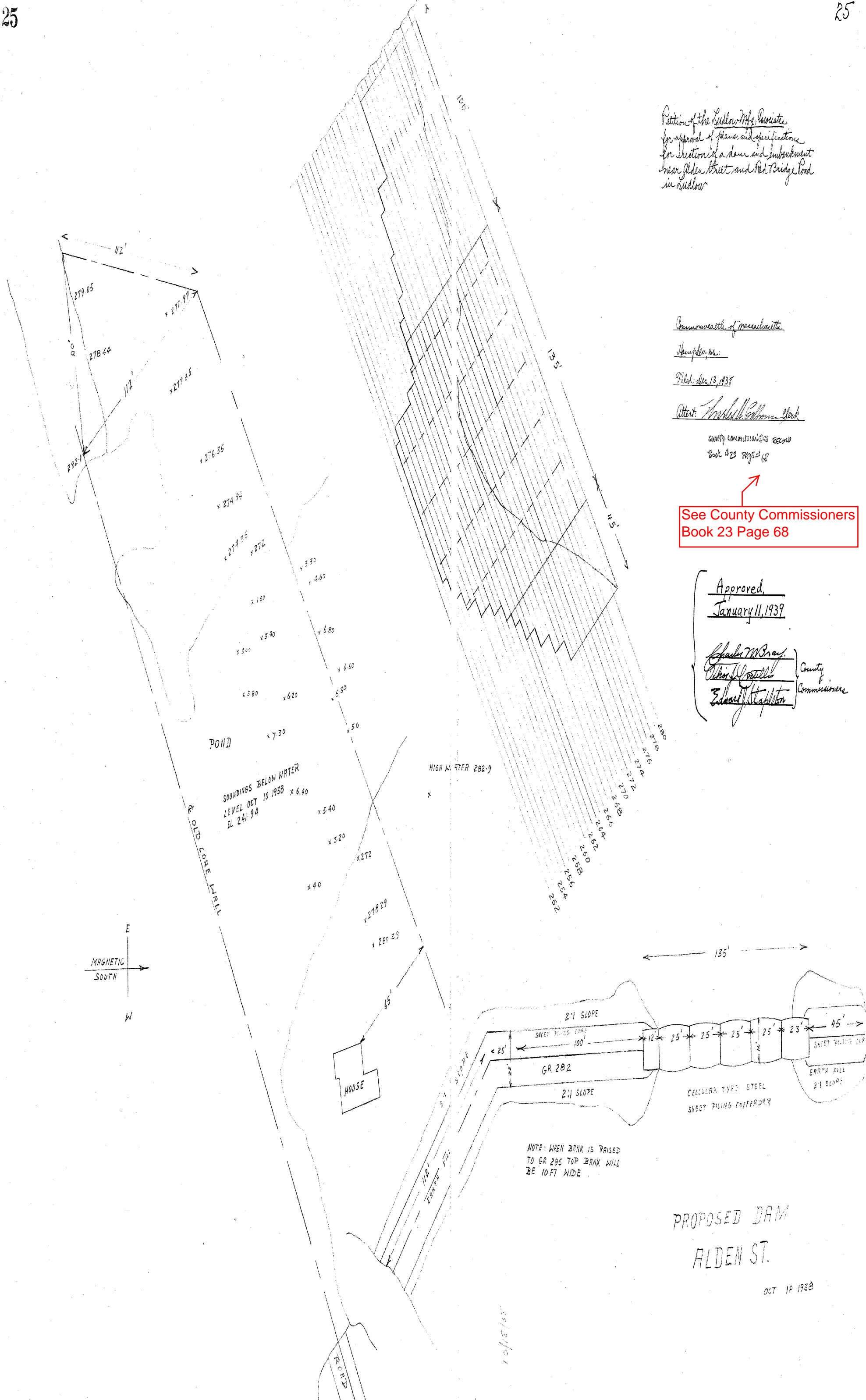
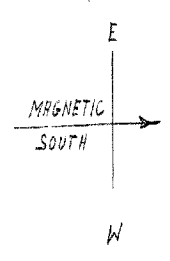
Attest: *Charles M. Coffey* Clerk

COUNTY COMMISSIONERS RECORD  
Book #23 Page 68

See County Commissioners  
Book 23 Page 68

Approved,  
January 11, 1939

*Charles M. Coffey*  
*John W. Gifford*  
*Edward J. Stapleton* } County Commissioners



PROPOSED DAM  
ALDEN ST.

OCT 19 1938

---

***Description of Plan Group:***

**Cobble Mountain Dam - replacement of flashboards at spillway. Little River Water Supply - Springfield, Mass. Section of Concrete Structure Replacing Flashboards at Cobble Mountain Spillway.**

---

***Date of Plan:*** 1939  
***Date Plan Approved:*** 1939  
***Highway Book #:*** ch11  
***Highway Page #:*** 026  
***Commissioners Reference Book #:*** 23  
***Commissioners Reference Page #:*** 073



***Public Notes:***

**See also: Dams (Blandford) - "Cobble Mountain Dam" - D02006.**



Plan Original Book and Page: ch23073

Name of specific Plan:

**Cobble Mountain Dam - replacement of flashboards at spillway.  
Little River Water Supply - Springfield, Mass. Section of  
Concrete Structure Replacing Flashboards at Cobble Mountain  
Spillway**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Little River Water Supply</b>
<b>City/Town</b>	<b>Springfield</b>
<b>City/Town</b>	<b>Granville</b>
<b>Water</b>	<b>Cobble Mountain Spillway</b>

---

***Description of Plan Group:***

**Petition for discontinuance of Park Street - NYC Railroad**

---

***Date of Plan:*** 1939

***Date Plan Approved:*** 1939

***Highway Book #:*** ch11

***Highway Page #:*** 028

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 042

***Public Notes:***



**Plan Original Book and Page:      ch11028**

**Name of specific Plan:**

**Petition for discontinuance of Park Street - NYC Railroad**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>West Springfield. Town of</b>
<b>City/Town</b>	<b>West Springfield</b>
<b>Person</b>	<b>Dwight</b>
<b>Person</b>	<b>Day</b>
<b>Person</b>	<b>Jones</b>
<b>Person</b>	<b>Ashley</b>
<b>Person</b>	<b>Stebbins</b>
<b>Person</b>	<b>Kent</b>
<b>Streets</b>	<b>Baldwin Street</b>
<b>Streets</b>	<b>Park Avenue</b>
<b>Water</b>	<b>Agawam River</b>



**Plan Original Book and Page:     ch11027**

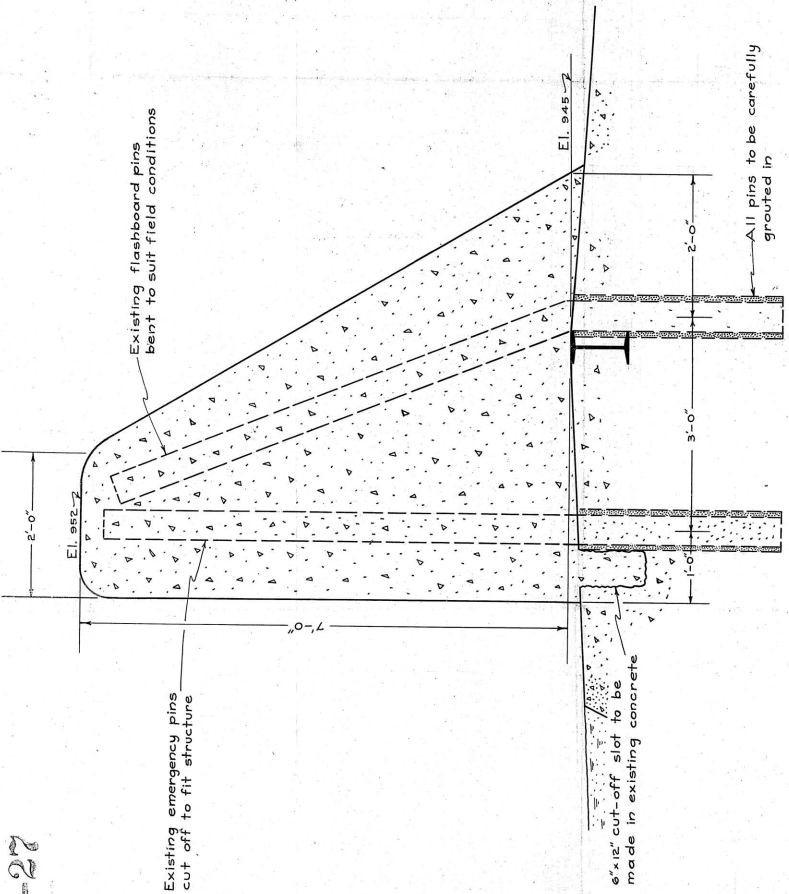
**Name of specific Plan:**

**Dike for Collins Manufacturing Company on Chicopee River**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Collins Manufacturing Compa</b>
<b>City/Town</b>	<b>Wilbraham</b>
<b>Dam</b>	<b>Dike for Collins Manufacturin</b>
<b>Water</b>	<b>Chicopee River</b>





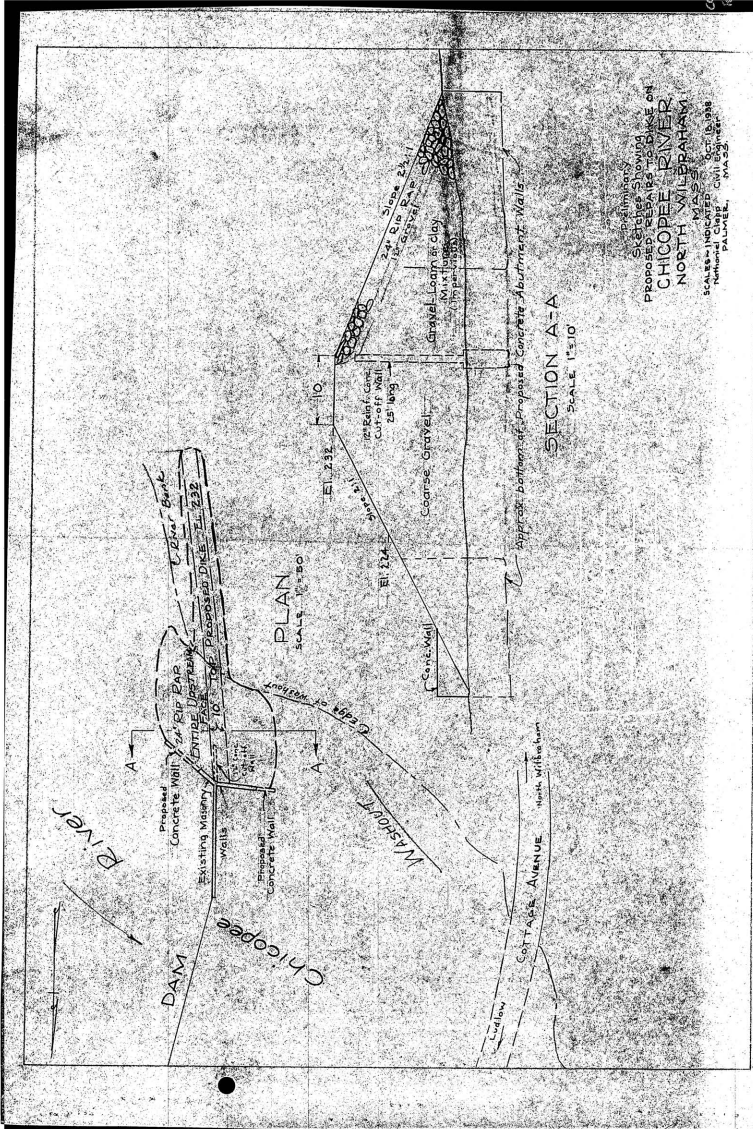
See County Commissioners  
Book 23 Page 73

County Commissioners  
Book 23  
Page 73

Approved,  
January 18, 1939  
*Edward J. Gallagher*  
County Commissioners

Commonwealth of Massachusetts  
Hampden, ss:  
Filed January 13, 1939  
Attest: *Charles W. [Signature]* Clerk.

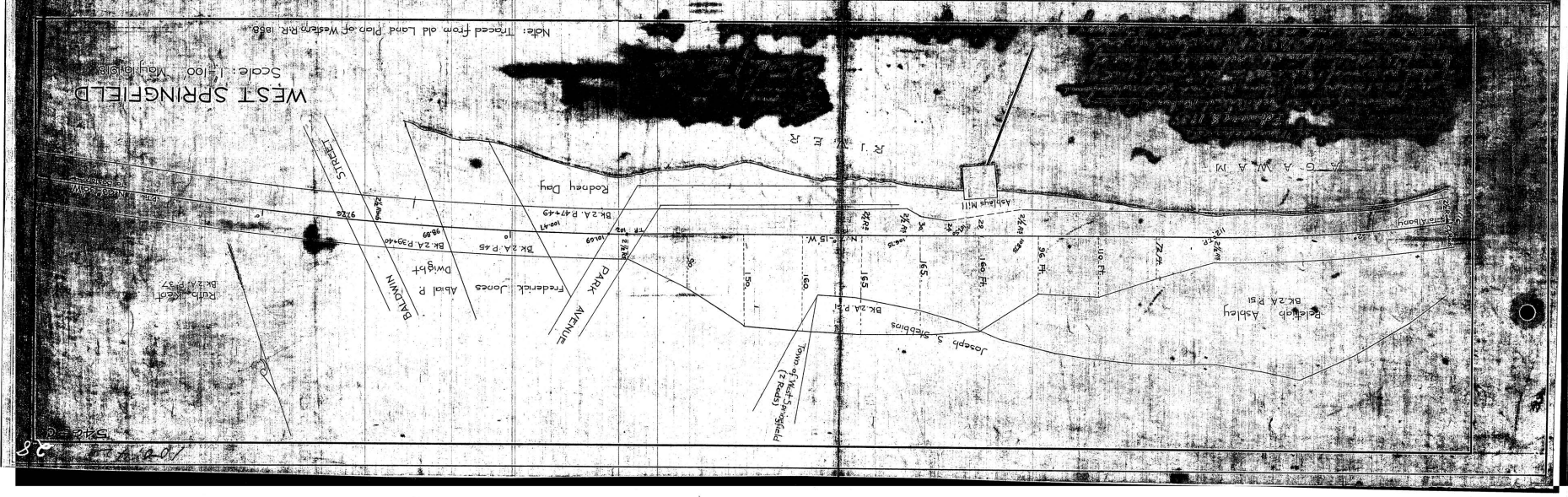
LITTLE RIVER WATER SUPPLY  
SECTION OF  
CONCRETE STRUCTURE  
REPLACING FLASHBOARDS  
AT  
COBBLE MTN. SPILLWAY  
LENGTH = 135 FT  
SCALE 1" = 1'  
VAN. 10, 1939  
GREENVILLE



Sketches showing  
PROPOSED REPAIRS TO DAM ON  
CHICOPEE RIVER  
NORTH WILBRAHAM  
MASS. - JAN. 1939  
NATHAN CLARK, CIVIL ENGINEER  
GREENVILLE, MASS.

COUNTY COMMISSIONERS  
Book 23  
Page 73

See County  
Commissioners  
Book 23 Page 171



WEST SPRINGFIELD

Scale: 1" = 100'

Note: Traced from old Land Plot of Western RR. 1855.



**Plan Original Book and Page:     ch11029**

**Name of specific Plan:**

**Ludlow Reservoir Water Supply repairs to Cherry Valley Dam  
after flood of 1938 (Springfield City)**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Ludlow</b>
<b>Dam</b>	<b>Cherry Valley Dam</b>
<b>Water</b>	<b>Ludlow Reservoir</b>

Spillway

Bridge

6" concrete plug put in pipe - 1938

54" pipe removed to here - 1938

2-20" drain pipe f

Area stone

Area bounded by this line stone paved 3' thick - 1938

2 1/2" weep pipes 1938

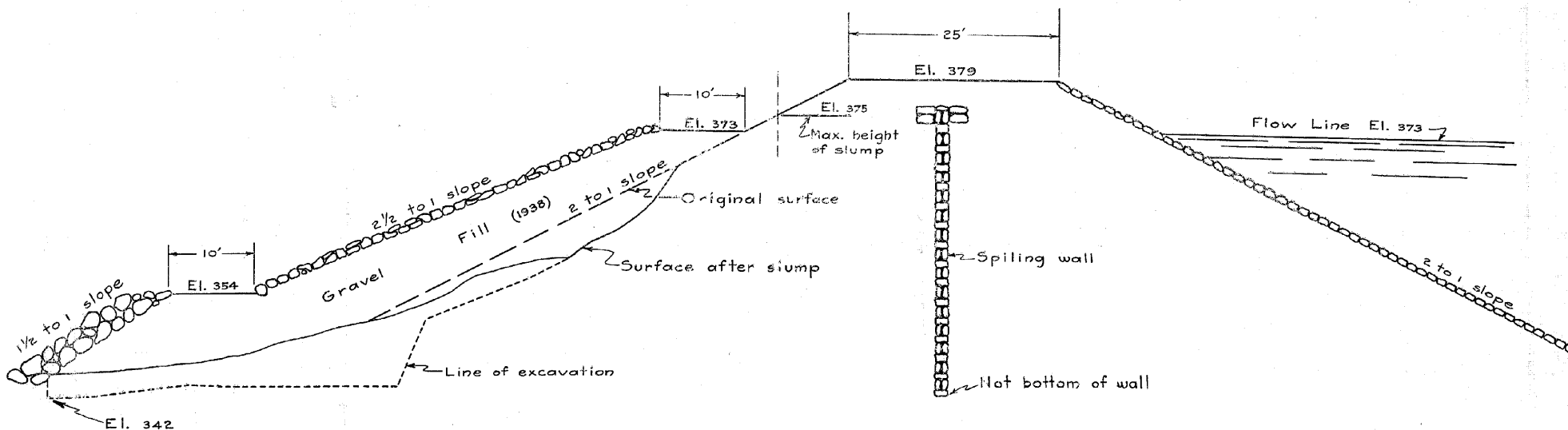
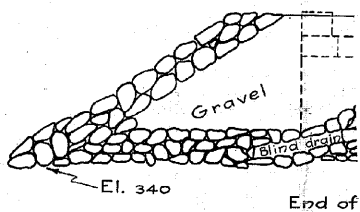
Blind drains - 1938

PLAN

Scale 1"=20'

54" riveted w.r. p

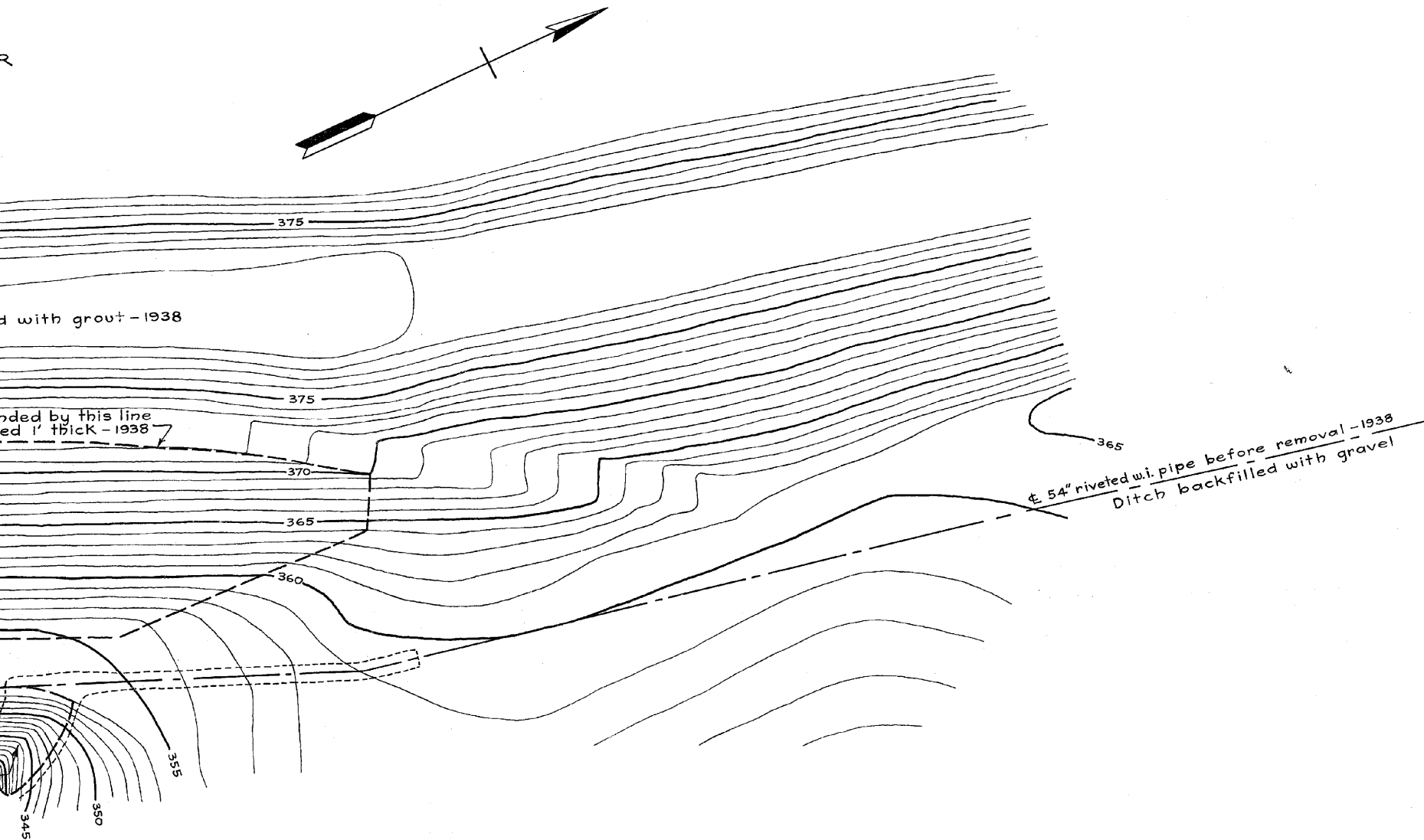
Location of old tunnel before removal - 1938



TYPICAL SECTION

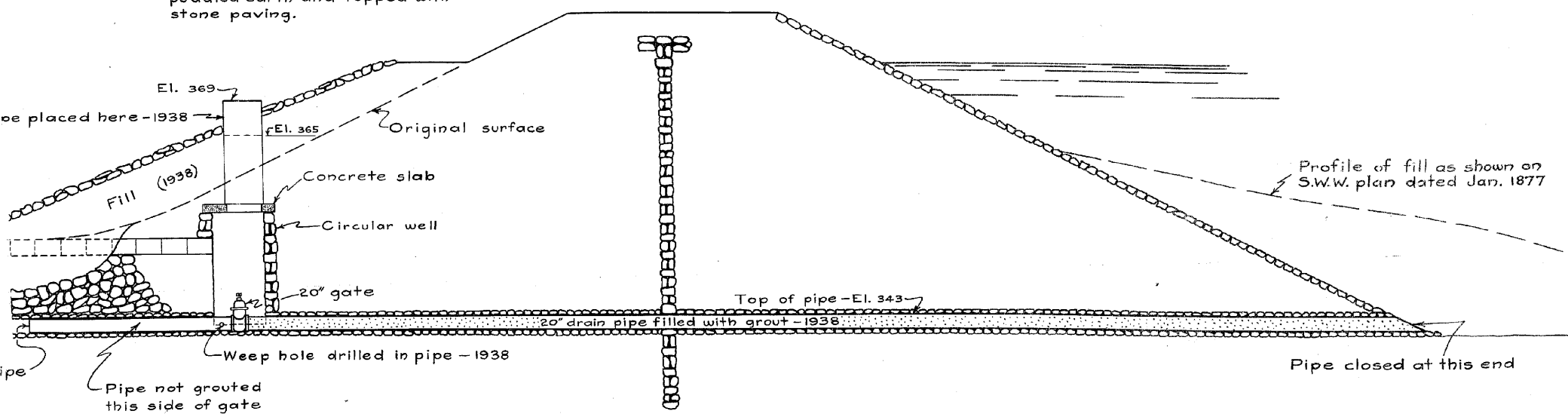
Scale 1"=10'





Note:

54" pipe to be cut off at elev. 365±  
Well and pipe to be filled with  
puddled earth and topped with  
stone paving.



SECTION THRU DRAIN

Scale 1" = 10'

Commonwealth of Massachusetts

Hampden, ss:

Filed - February 8, 1939

Attest: *Charles M. Callahan*  
Clerk

Approved:-

March 22, 1939

*Charles M. Dray*

*Thomas J. Conetto*

*Edward J. Stapleton*

County  
Commissioners

LUDLOW RESERVOIR WATER SUPPLY  
SPRINGFIELD, MASS.

PLAN SHOWING REPAIRS  
TO  
CHERRY VALLEY DAM  
AFTER  
SEPTEMBER FLOOD-1938

SCALES AS SHOWN.

JANUARY 1939

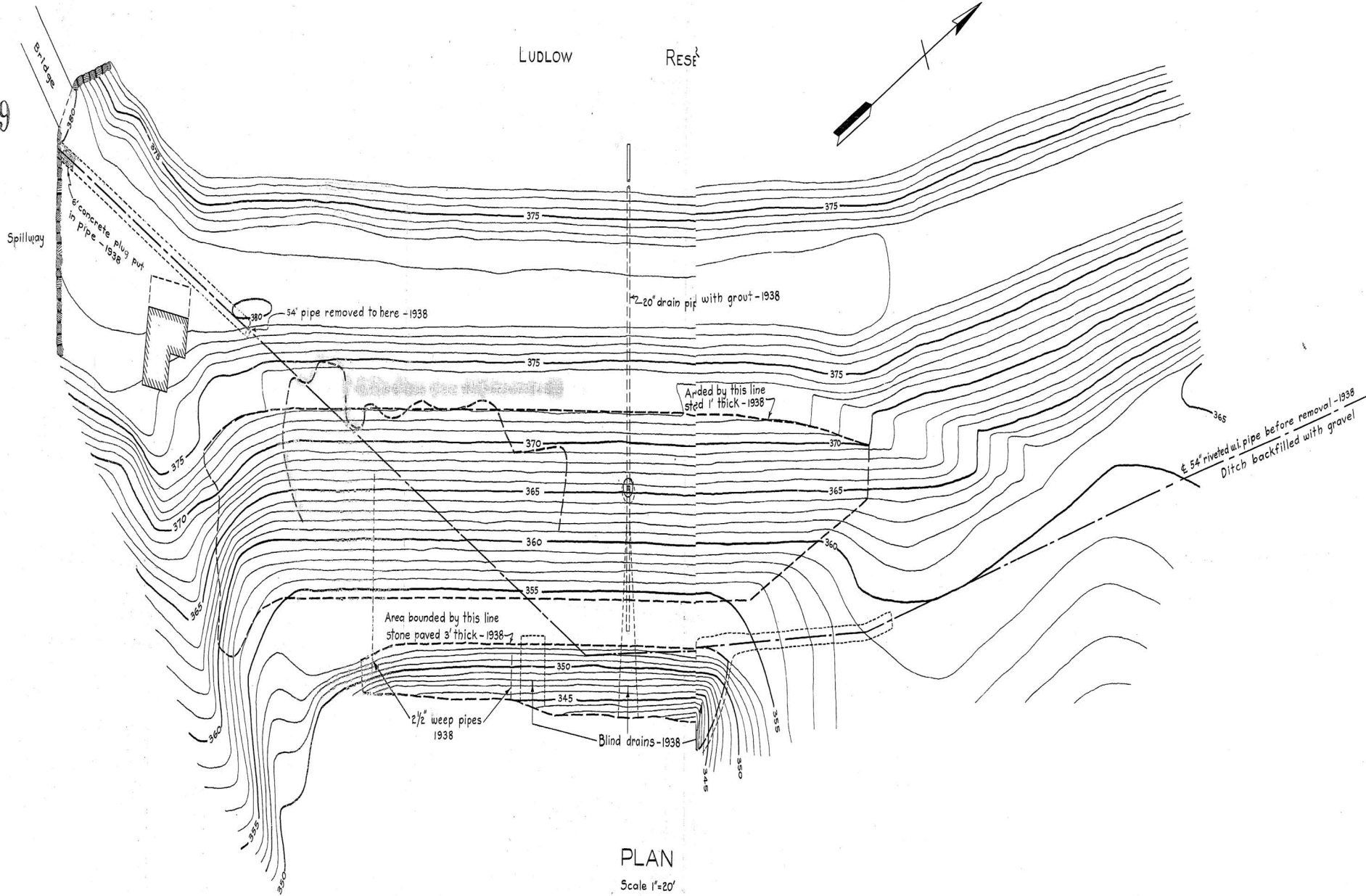
See County Commissioners  
Book 23 Page 43

DATA IS IN LUDLOW

COUNTY COMMISSIONERS  
RECORD

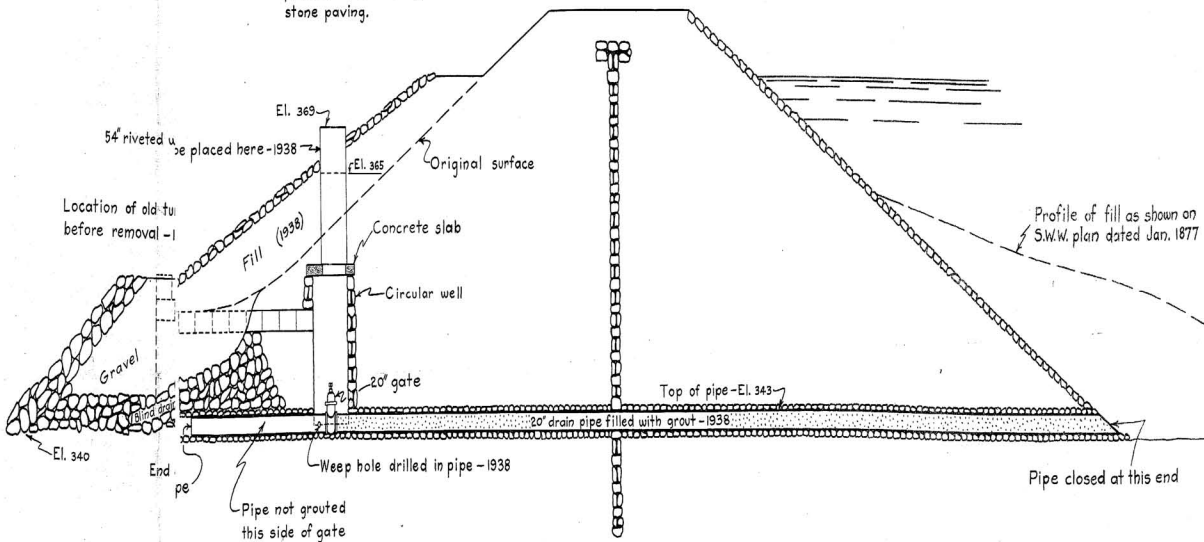
Book #23

PAGE #43

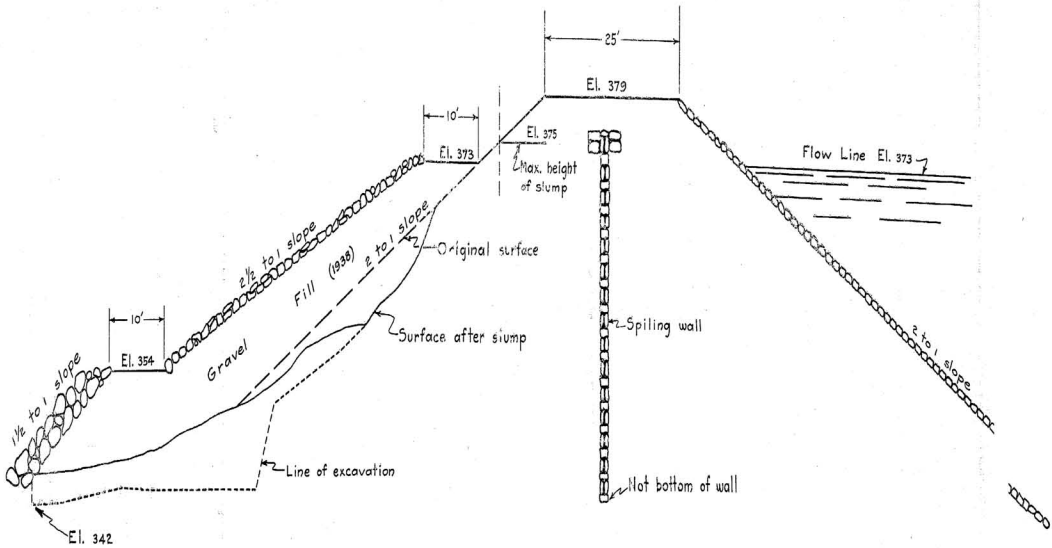


PLAN  
Scale 1"=20'

Note:  
54" pipe to be cut off at elev. 365.  
Well and pipe to be filled with puddled earth and topped with stone paving.



SECTION THRU DRAIN  
Scale 1"=10'



TYPICAL SECTION  
Scale 1"=10'

Commonwealth of Massachusetts  
Hampden, ss:  
Filed - February 8, 1939  
Attest: *Charles M. O'Neil*  
Clerk

Approved:  
March 22, 1939  
*Charles M. O'Neil*  
*Edward J. Stepleton*  
County Commissioners

LUDLOW RESERVOIR WATER SUPPLY  
SPRINGFIELD, MASS.  
PLAN SHOWING REPAIRS  
TO  
CHERRY VALLEY DAM  
AFTER  
SEPTEMBER FLOOD-1938  
SCALES AS SHOWN. JANUARY 1939

See County Commissioners  
Book 23 Page 43

County Commissioners  
RECORDED  
Book # 23  
Page # 43

Plan Original Book and Page:     **ch11030**

Name of specific Plan:

**Bondsville Road - North Main Street to Greenwood Street**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Quabaug School</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Person</b>	<b>Pardo</b>
<b>Streets</b>	<b>Wilson Avenue</b>
<b>Streets</b>	<b>Temple Street</b>
<b>Streets</b>	<b>Bowden Street</b>
<b>Streets</b>	<b>Taft Avenue</b>
<b>Streets</b>	<b>Roosevelt Avenue</b>
<b>Streets</b>	<b>Orchard Street</b>
<b>Streets</b>	<b>Shearer Street</b>
<b>Streets</b>	<b>Greenwood Street</b>
<b>Streets</b>	<b>North Main Street</b>
<b>Streets</b>	<b>Bondsville Road</b>
<b>Streets</b>	<b>Green Street</b>

**Plan Original Book and Page:      ch11031**

**Name of specific Plan:**

**Plan of Road in Palmer, Mass**



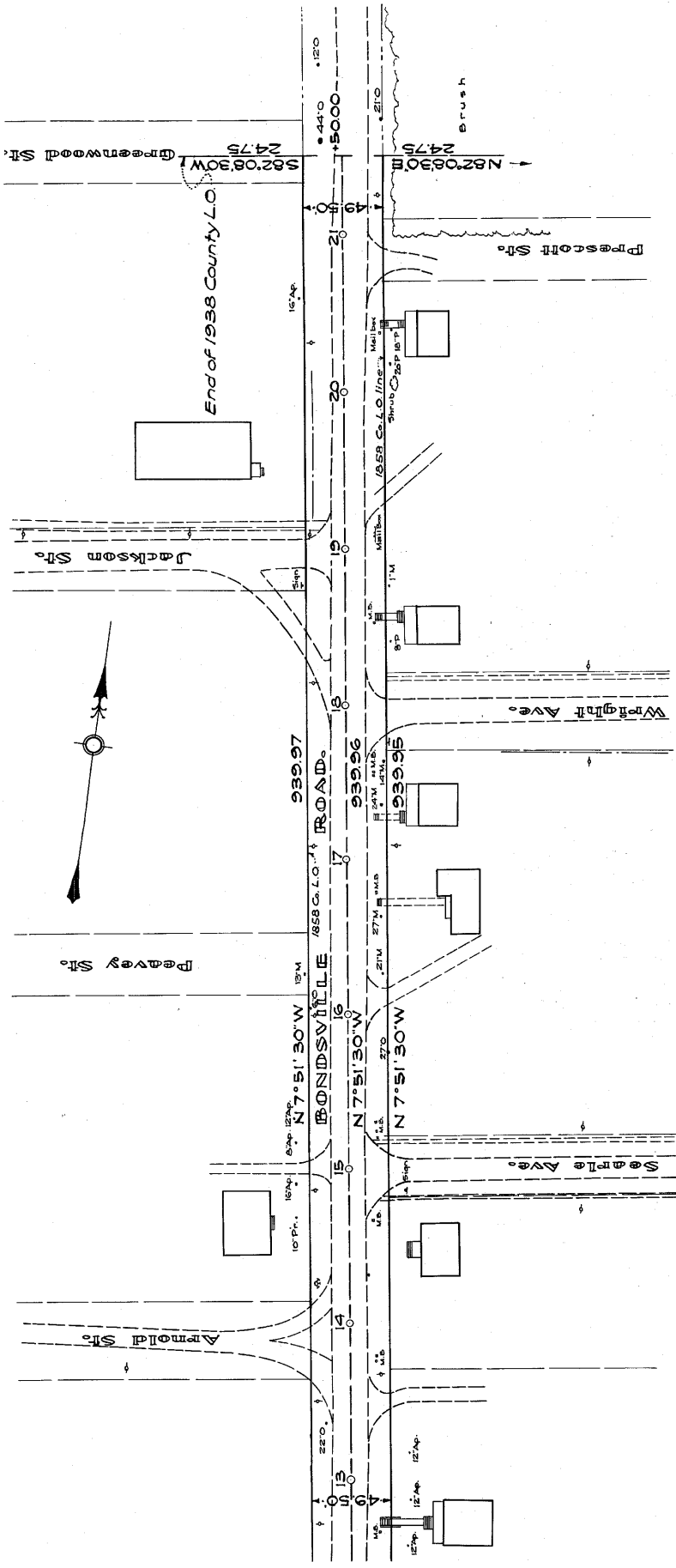
<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Streets</b>	<b>Wright Street</b>
<b>Streets</b>	<b>Prescott Street</b>
<b>Streets</b>	<b>Jackson Street</b>
<b>Streets</b>	<b>Peavey Street</b>
<b>Streets</b>	<b>Searle Avenue</b>
<b>Streets</b>	<b>Arnold Street</b>
<b>Streets</b>	<b>Bondsville Road</b>
<b>Streets</b>	<b>Greenwood Street</b>





The Commonwealth of Massachusetts  
**PLAN OF ROAD**  
 in the town of  
**PALMER**  
 HAMPDEN COUNTY  
 Laid out by the  
**COUNTY COMMISSIONERS**  
 Scale: 40 feet to the inch

PALMER~1938 COUNTY LAYOUT~SHEET 2 OF 2 SHEETS



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***Description of Plan Group:***

Plan of Dam owned by WH & RP Ward in Town of Tolland

---

***Date of Plan:*** 1939

***Date Plan Approved:*** 1939

***Highway Book #:*** 11

***Highway Page #:*** 032

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 077



***Public Notes:***

Elevation of Dam / Spillway.

See also: Dams (Tolland) - "Wards Pond Dam aka..." - D19005.

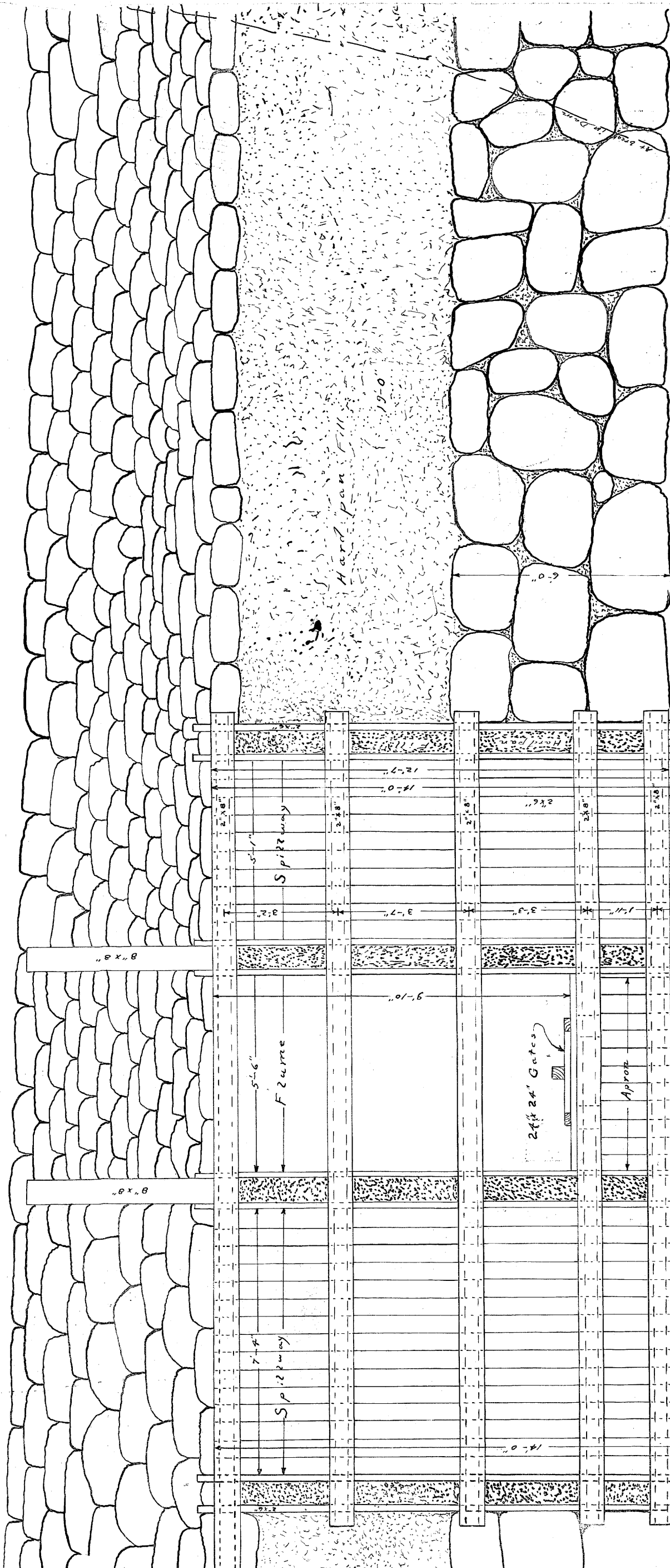
**Plan Original Book and Page:     ch11032**

**Name of specific Plan:**

**Plan of Dam owned by WH & RP Ward in Town of Tolland**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Tolland</b>
<b>Dam</b>	<b>Wards Dam</b>



Commonwealth of Massachusetts  
Hampden, ss:  
Filed - July 6, 1939  
Attest: *Charles M. Galt* Clerk

PLAN OF DAM  
AT  
TOLLAND, MASS.  
OWNED BY  
H.W. WARD + R.P. WARD

Scale: 1" = 2'  
JUNE 1939.

- APPROVED -  
July 12, 1939  
*Charles M. Galt* County Commissioners  
*Edward J. Stapleton*



**Plan Original Book and Page:     ch11033**

**Name of specific Plan:**

**Plan of Dam owned by WH & RP Ward in Town of Tolland**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Tolland</b>
<b>Dam</b>	<b>Ward Dam</b>

See County Commissioners  
Book 23 PAGE 77

COUNTY COMMISSIONERS  
RECORD BOOK # 23  
PAGE # 77

- APPROVED -

July 12, 1939

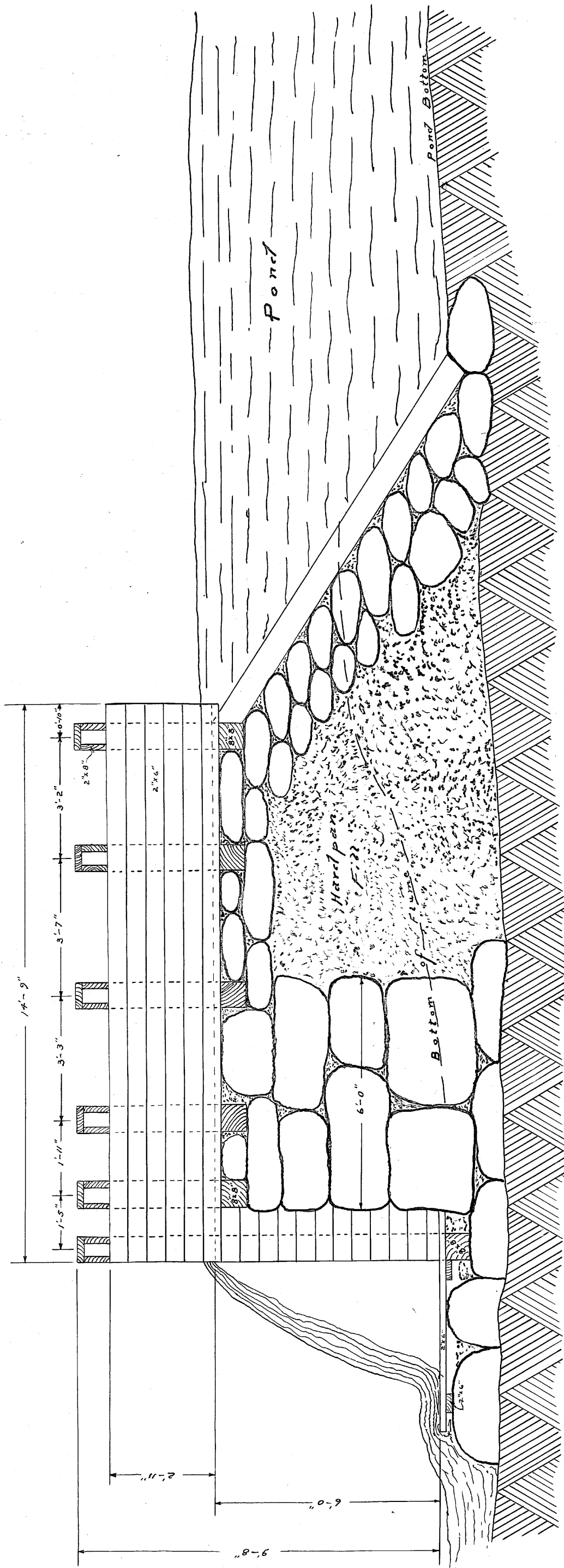
Charles H. Pray } County  
William H. Gosselle } Commissioners  
Edward J. Stapleton }

Commonwealth of Massachusetts

Hampden, ss:

Filed - July 6, 1939

Attest: *Mark W. Williams* Clerk



CROSS SECTION OF DAM

AT

TOLLAND, MASS.

OWNED BY

H.W. WARD + R.P. WARD

Scale: 1"=2'

JUNE - 1939.

**Plan Original Book and Page:     ch11034**

**Name of specific Plan:**

**Plan of Dam owned by WH & RP Ward in Town of Tolland**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Tolland</b>
<b>Dam</b>	<b>Ward Dam</b>

- APPROVED -

July 12, 1939

Charles M. T. Bragg

County Commissioners

Edward J. Stapleton

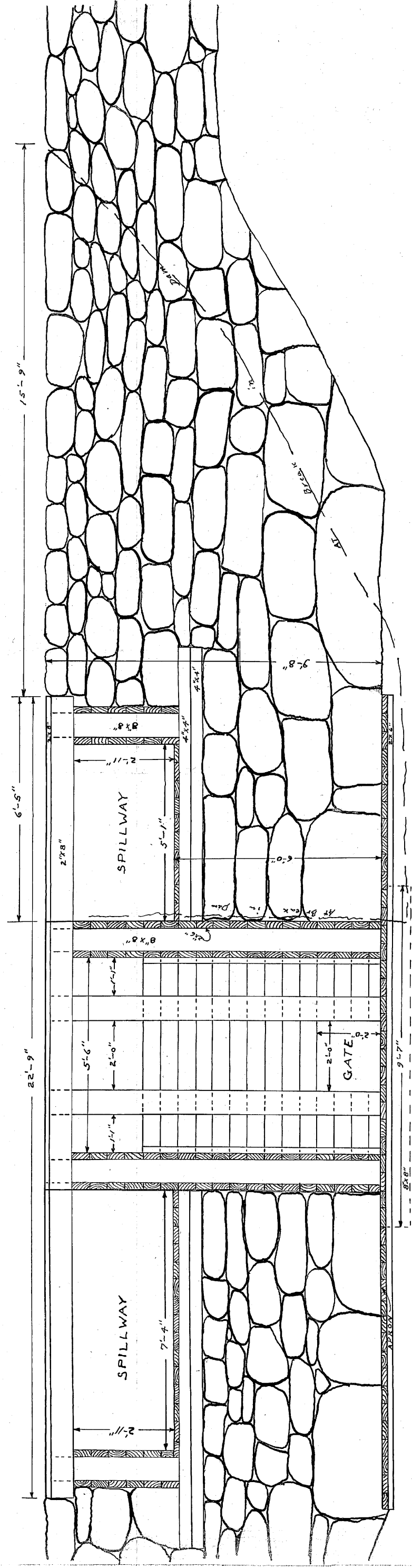
County Commissioners

Commonwealth of Massachusetts

Hampden, ss:

Filed - July 6, 1939

Attest Charles H. Williams Clerk



DOWNSTREAM ELEVATION OF DAM

Dam at Tolland, Mass. owned by H.W. Ward and R.P. Ward.

Scale: 1" = 2'.  
JUNE 1939.



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***Description of Plan Group:***

**Bircham Bend Power Plant Dike - United Electric Light Company**

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***Date of Plan:*** 1939

***Date Plan Approved:*** 1939

***Highway Book #:*** ch11

***Highway Page #:*** 035

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 078



***Public Notes:***

**See also: Dams - (Chicopee) - "Quiennhtuk Company Dam aka..." - D05026 & "Chicopee River Dam aka..." D05003.**

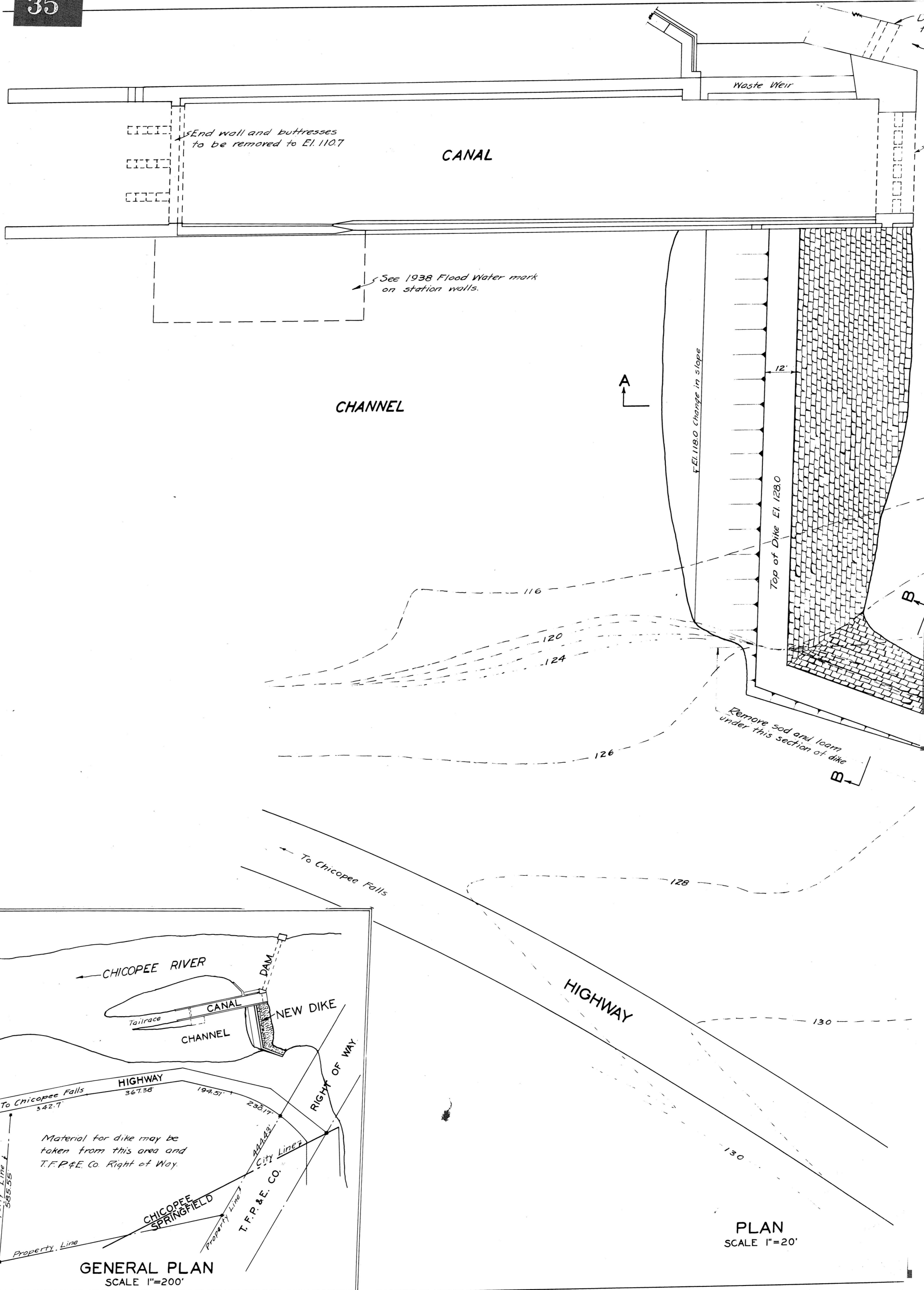
**Plan Original Book and Page:     ch11035**

**Name of specific Plan:**

**Bircham Bend Power Plant Dike - United Electric Light  
Company**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Chicopee- Springfield town lin</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Dam</b>	<b>Dam at Dike for Bircham Ben</b>
<b>Streets</b>	<b>highway to Chicopee Falls</b>
<b>Water</b>	<b>Chicopee River</b>



to be removed  
06.0\*

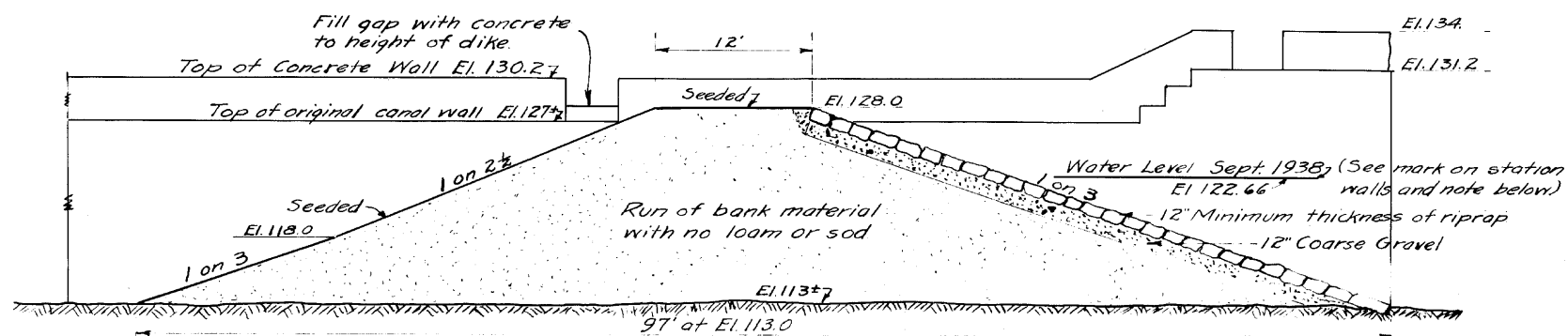
WICOPPEE RIVER

Wall to be  
removed to El. 112.7

Commonwealth of Massachusetts  
Hampden, ss.

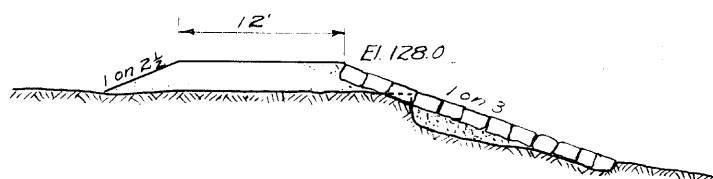
Approved - July 27, 1939

*Charles W. Davis*  
*Thomas J. Costello*  
*Edward J. Stapleton* } County  
Commissioners



NEW DIKE  
SECTION A-A  
SCALE 1/8" = 1'-0"

Note:-  
1936 Flood level El. 117.5  
1920 Flood level (maximum 1915-1936) El. 112.5



NEW DIKE  
SECTION B-B  
SCALE 1/8" = 1'-0"

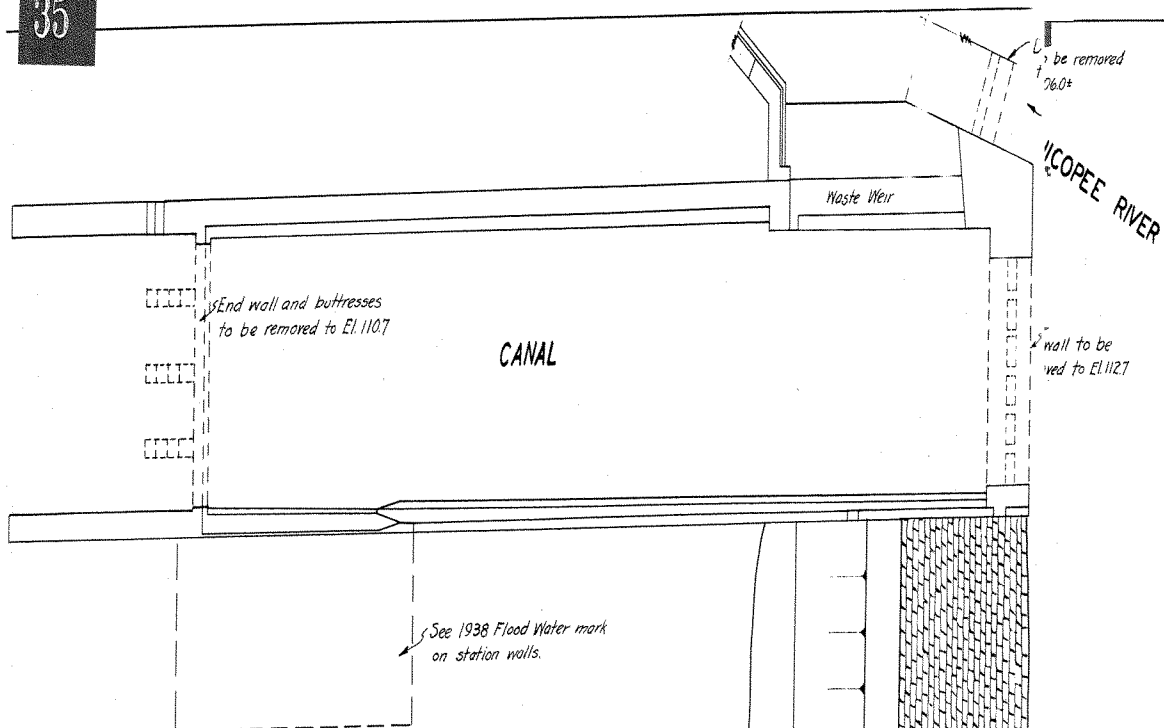
Commonwealth of Massachusetts  
Hampden, ss.

Filed - July 17, 1939

Attest: *Charles W. Davis*  
Clerk

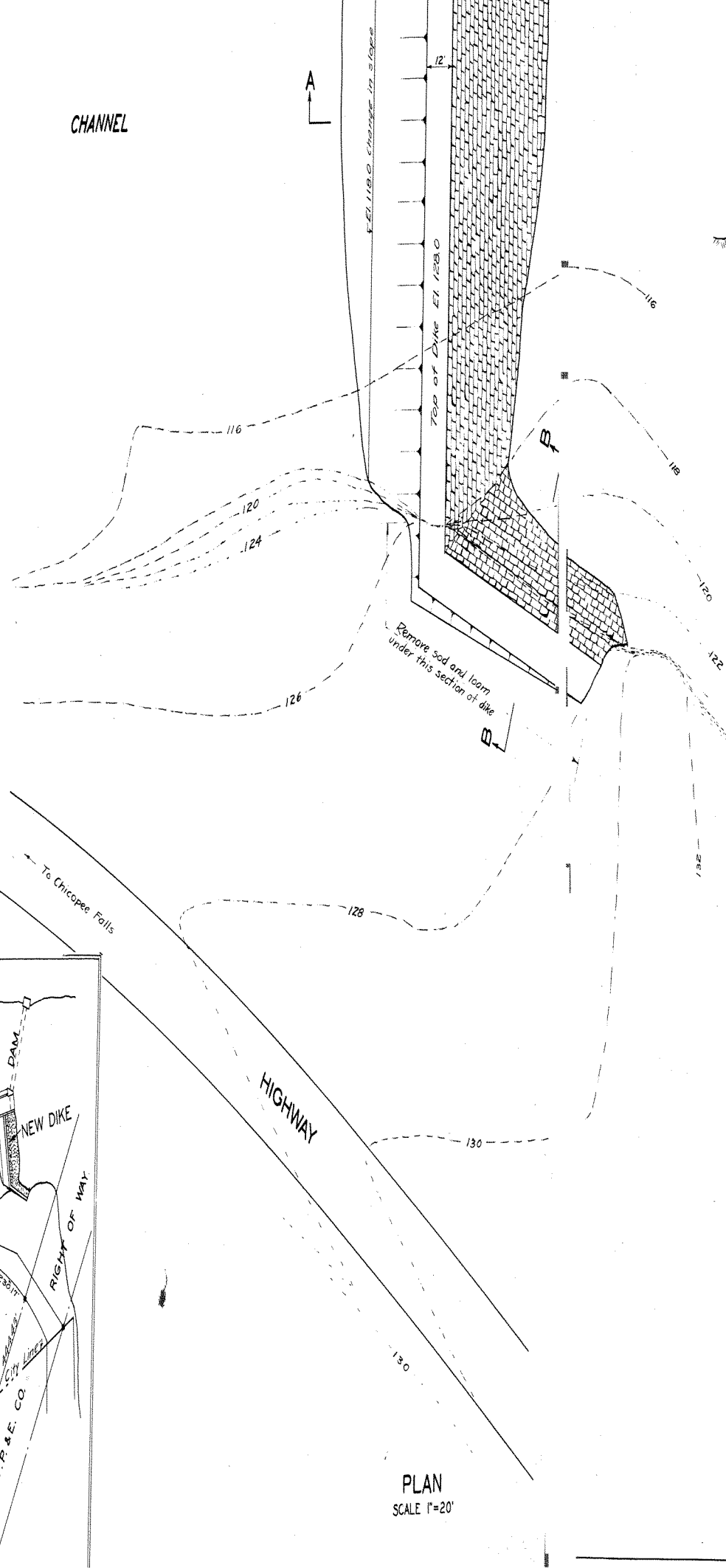
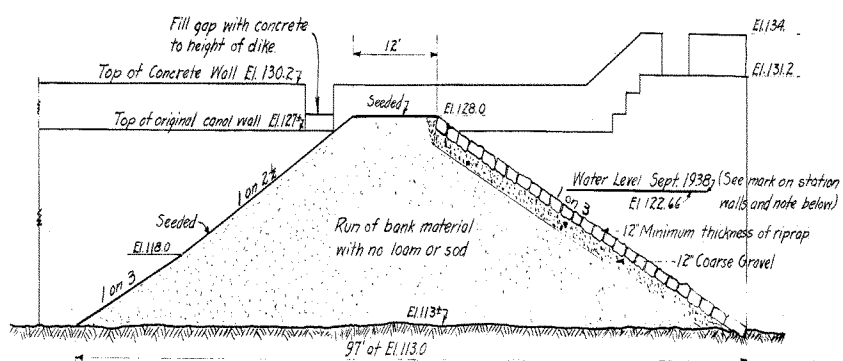
1	7-5-39	Drg. No. H-9925 Revised	Aut		
NO.	DATE	REVISIONS	BY	CK.	APVD.
PROPOSED DIKE					
BIRCHAM BEND POWER PLANT					
UNITED ELECTRIC LIGHT COMPANY					
ENGINEERING DEPT.			TURNERS FALLS OFFICE		
SCALES AS NOTED			JULY 5 1939		
DRAWN BY <i>Aut</i>			FILE NO. 8300		
TRACED BY <i>Aut</i>			DRG. NO. F-9925		
CHECKED					
APPROVED					





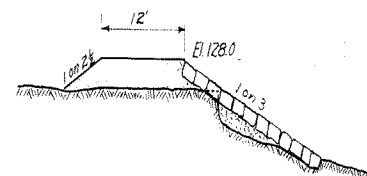
CHANNEL

A

PLAN  
SCALE 1"=20'GENERAL PLAN  
SCALE 1"=200'NEW DIKE  
SECTION A-A

SCALE 1/8"=1'-0"

Note:-  
1936 Flood level El 117.5  
1920 Flood level (maximum 1915-1936) El 112.5

NEW DIKE  
SECTION B-B

SCALE 1/8"=1'-0"

See County  
Commissioners  
Book 23 Page 78

Commonwealth of Massachusetts  
Hampden, ss.  
Filed - July 17, 1939  
Attest: *[Signature]*  
Clerk

1	7-5-39	Dr. No. H-9925 Revised	BY	CK/APVO
NO. DATE	REVISIONS	BY	CK	APVO
PROPOSED DIKE				
BIRCHAM BEND POWER PLANT				
UNITED ELECTRIC LIGHT COMPANY				
ENGINEERING DEPT		TURNERS FALLS OFFICE		
SCALES AS NOTED		JULY 5 1939		
DRAWN BY <i>[Signature]</i>		FILE NO. 8300		
TRACED BY <i>[Signature]</i>		DRG. NO. F-9925		
CHECKED <i>[Signature]</i>				
APPROVED <i>[Signature]</i>				

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***Description of Plan Group:***

**Earth Dam on Vineca Brook for AD Norcross**

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***Date of Plan:*** 1939

***Date Plan Approved:*** 1939

***Highway Book #:*** 11

***Highway Page #:*** 036

***Commissioners Reference Book #:*** 24

***Commissioners Reference Page #:*** 070



***Public Notes:***

See also: Dams (Wales) - "Norcross Dam" - D20001 & "Vinica Pond Dam" - D20018 & "Norcross Dams 1-2-3" - D20007, D20008 & D20009.

**Plan Original Book and Page:     ch11036**

**Name of specific Plan:**

**Earth Dam on Vineca Brook for AD Norcross**



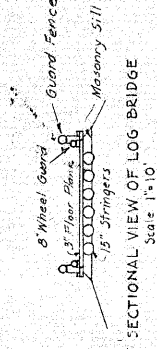
<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Wales</b>
<b>Dam</b>	<b>AD Norcross Dam</b>
<b>Person</b>	<b>Norcross, AD</b>
<b>Water</b>	<b>Vineca Brook</b>





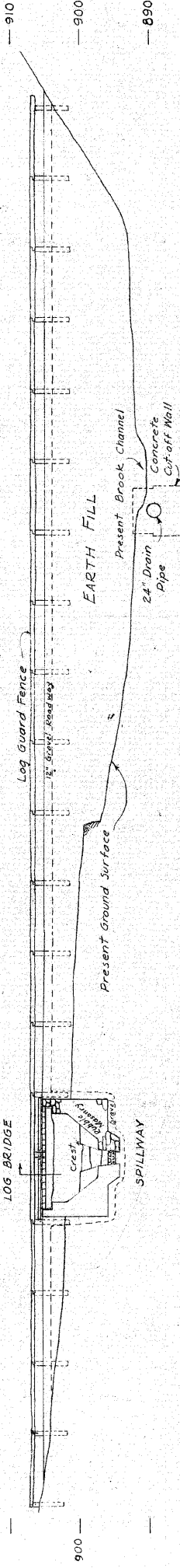


LOG BRIDGE NOTES:  
Place stringers so knots or defects are on top.  
Allow no large knots in middle third of span.  
Measure diameters at center of span.  
Alternate large and small ends.  
Leave 1/8" space between all floor planks.

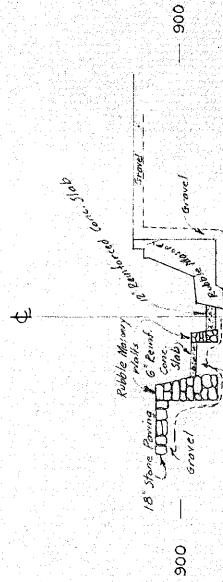


POND AREA 7.5 Acres  
TOP OF DAM EL. 905  
SPILLWAY CREST EL. 900

LOCATION :  
The dam site is located on Vineca Brook  
1/4 mile east of the Wilson town line and 1 1/4 miles  
north of the Connecticut state line on land of A. D.  
NORCROSS.

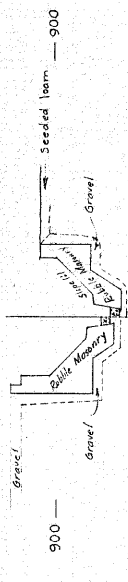


SECTIONAL VIEW ALONG CL OF DAM



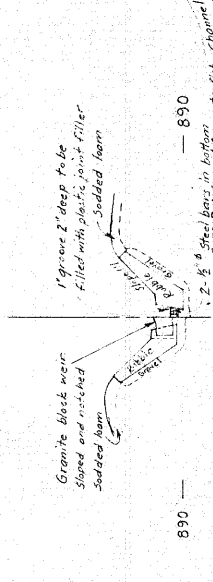
HALF SECTION G

HALF SECTION F



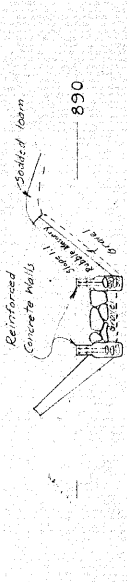
HALF SECTION E

HALF SECTION D



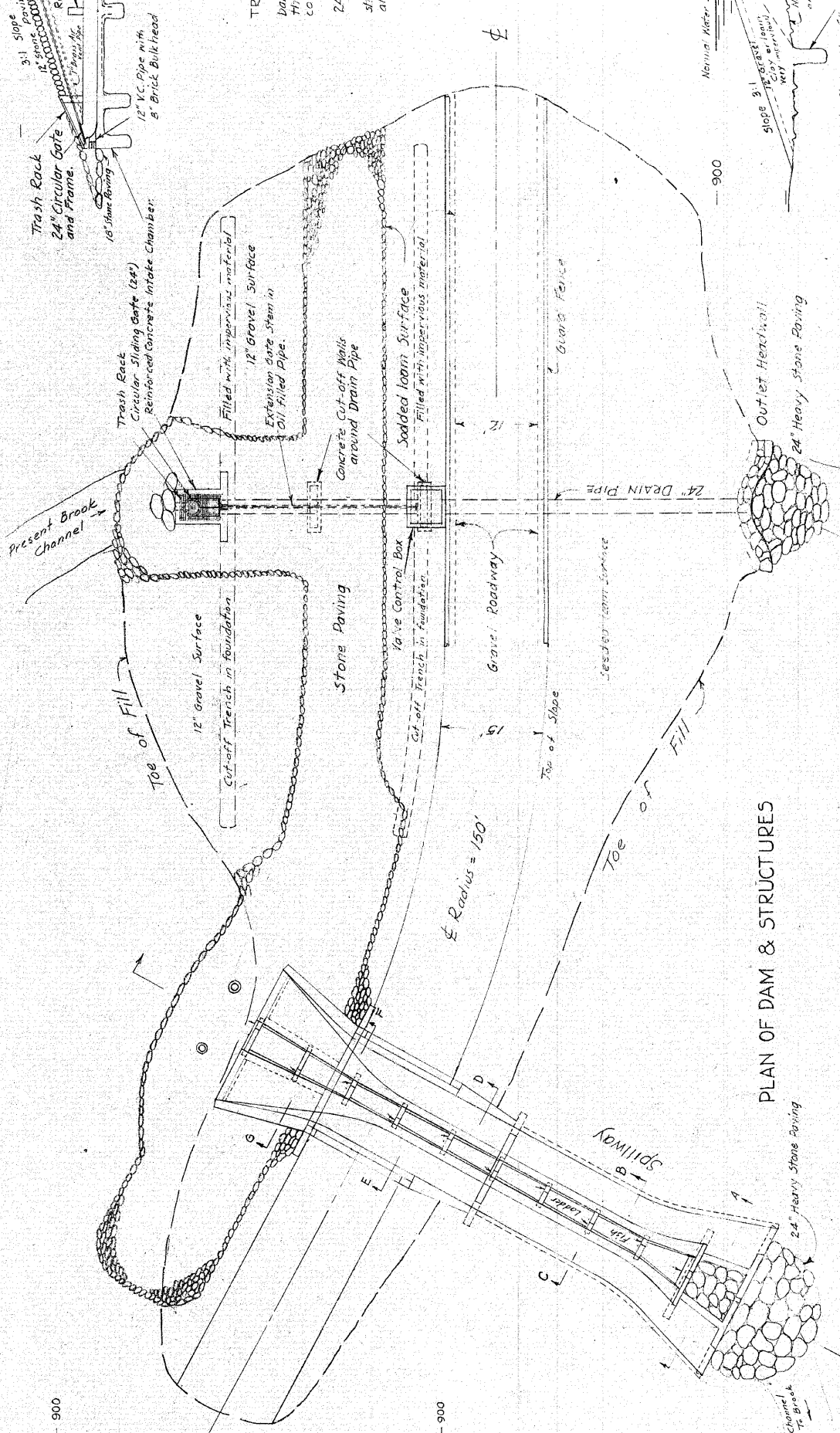
HALF SECTION C

HALF SECTION B

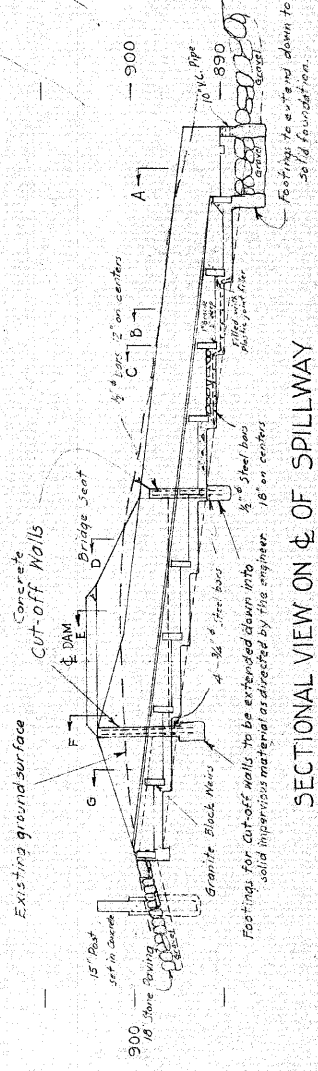


SECTION A

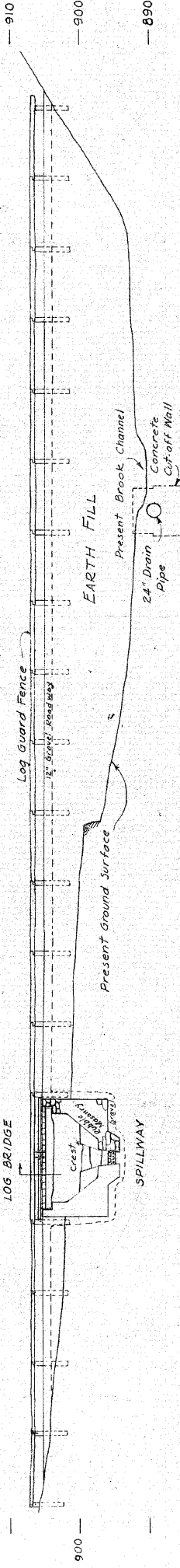
SPILLWAY SECTIONS



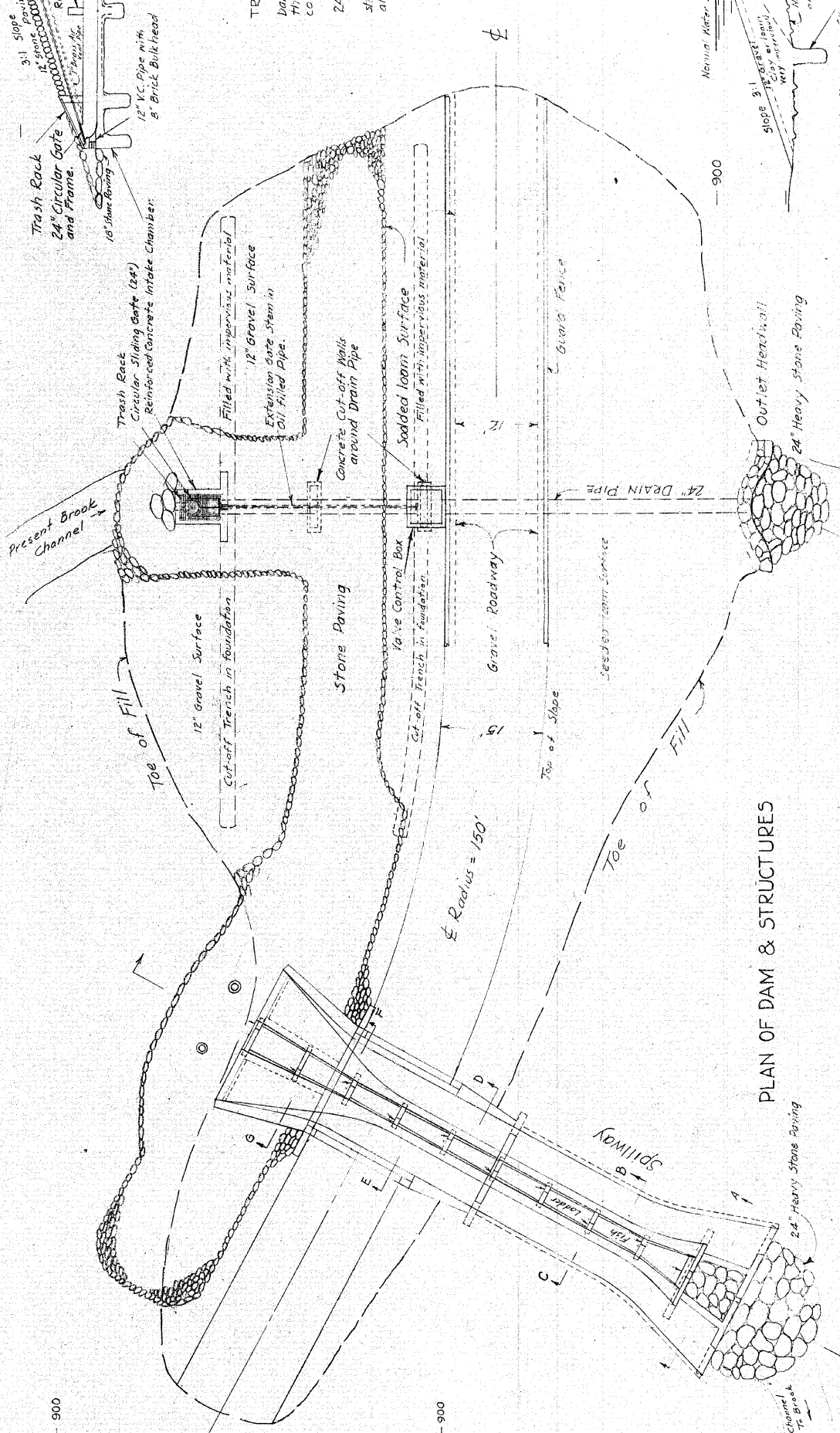
PLAN OF DAM & STRUCTURES



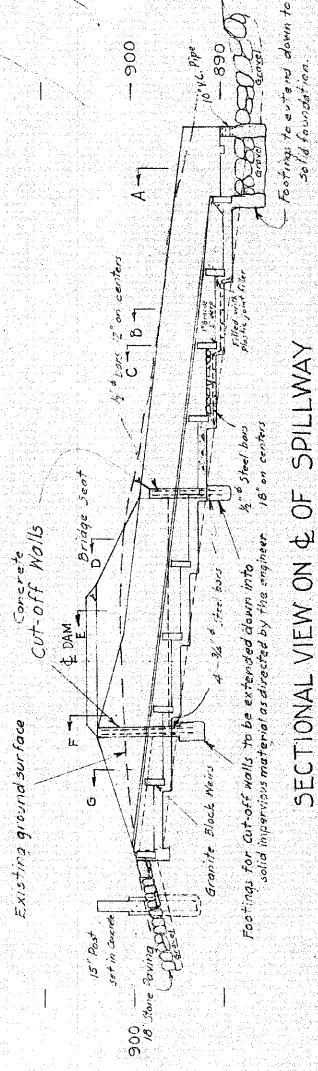
SECTIONAL VIEW ON CL OF SPILLWAY



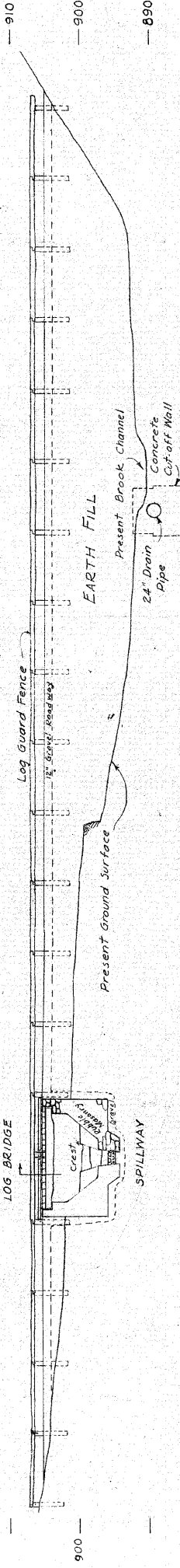
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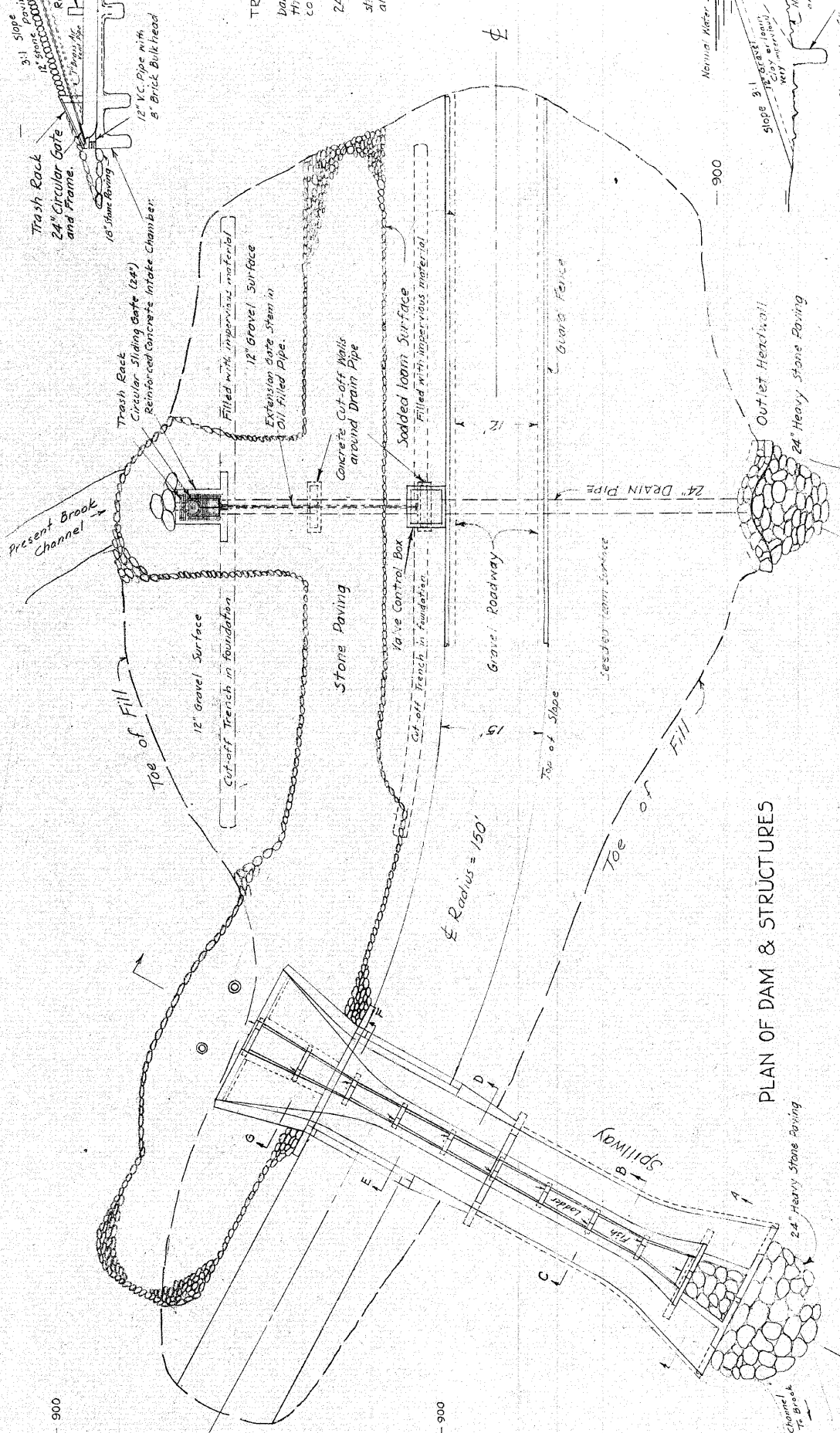
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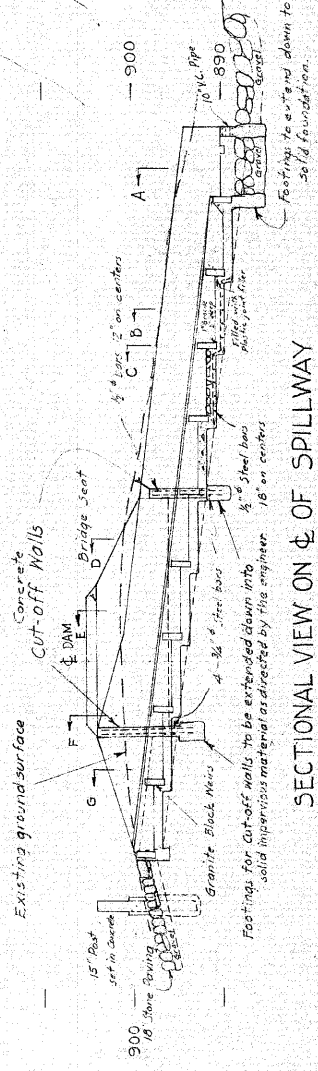
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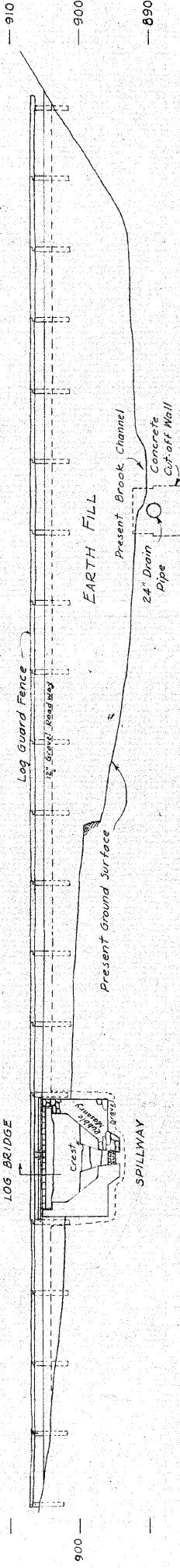
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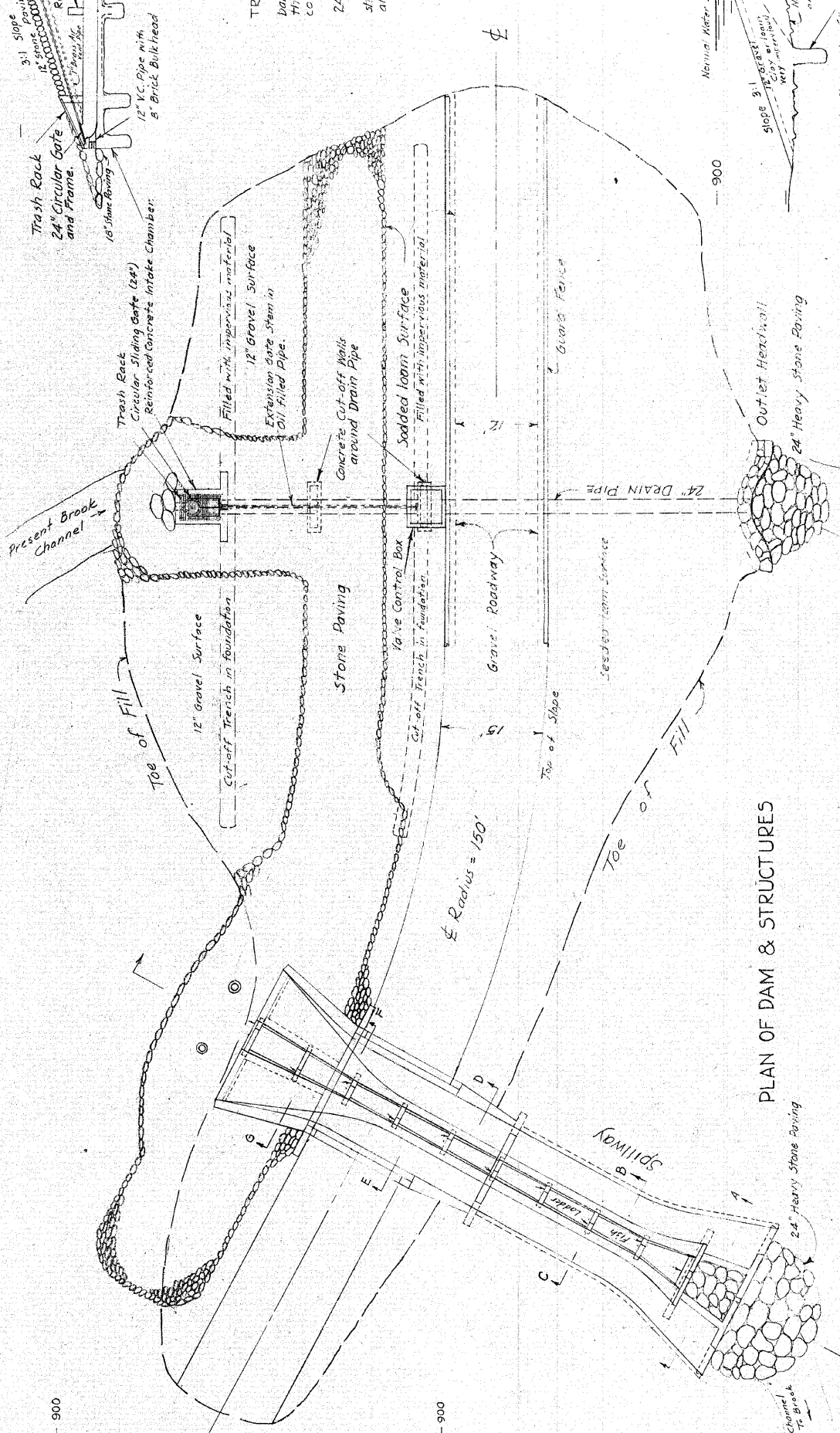
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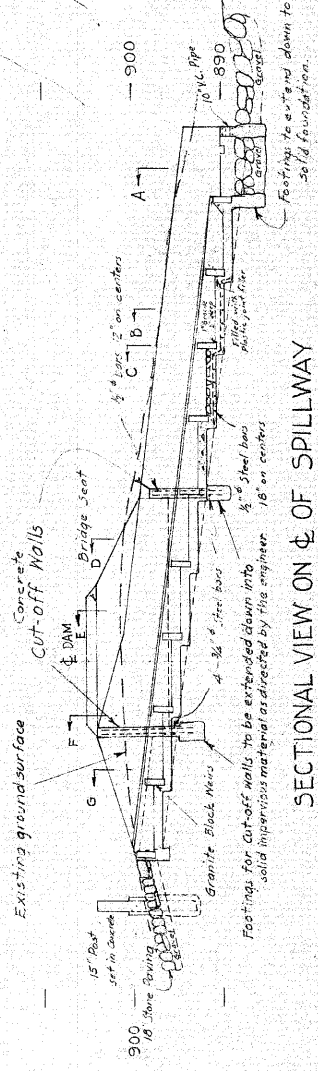
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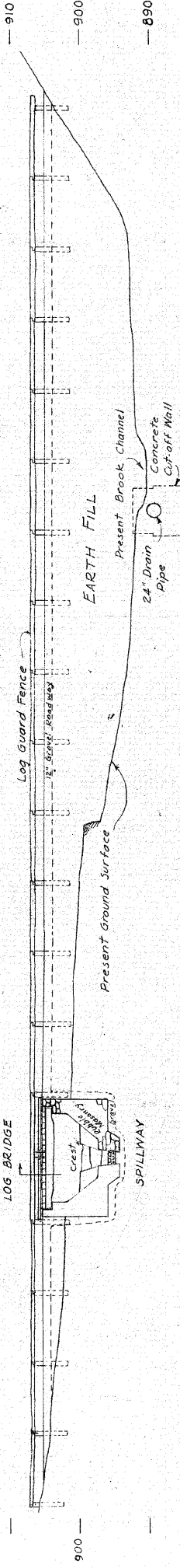
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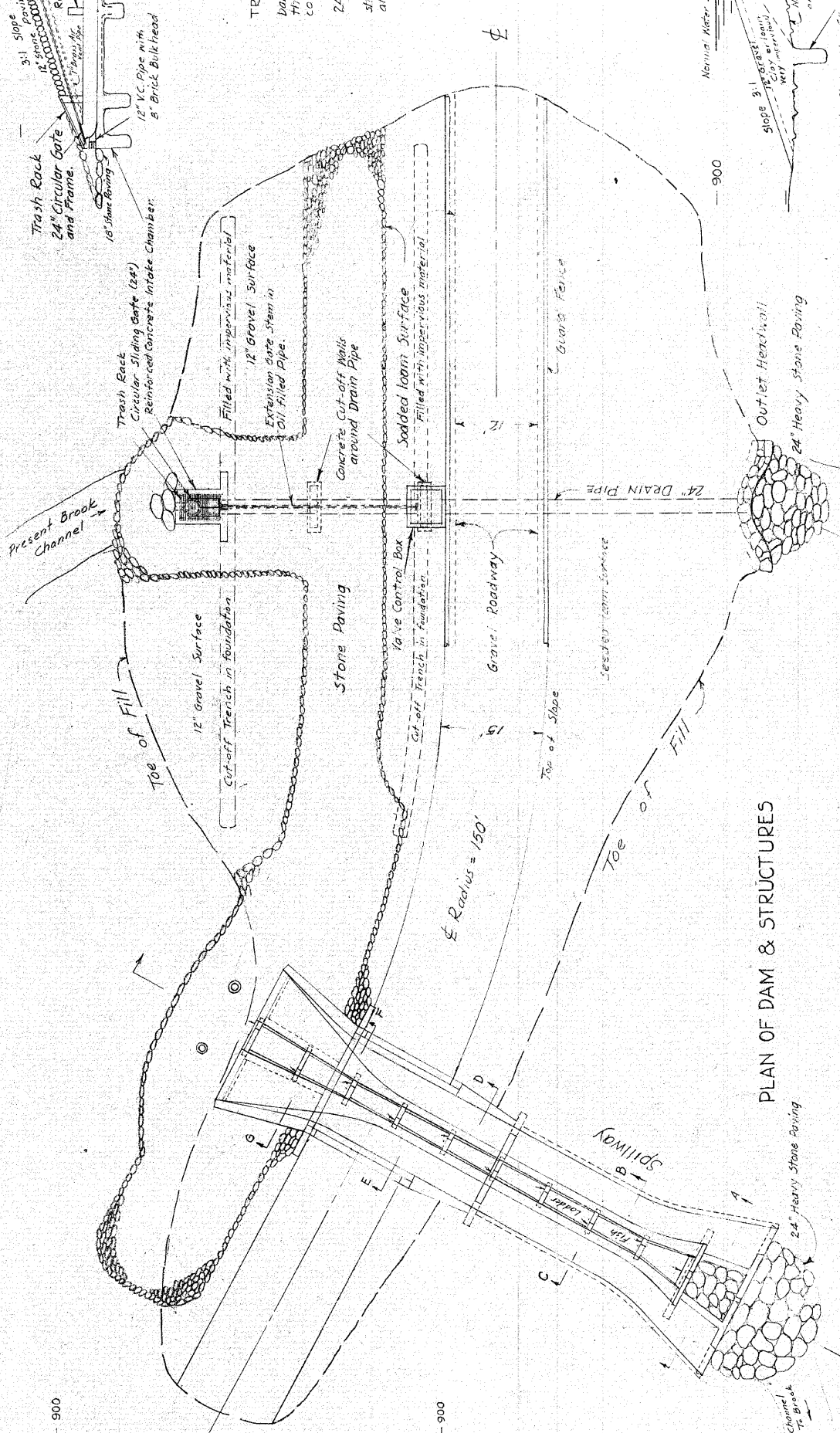
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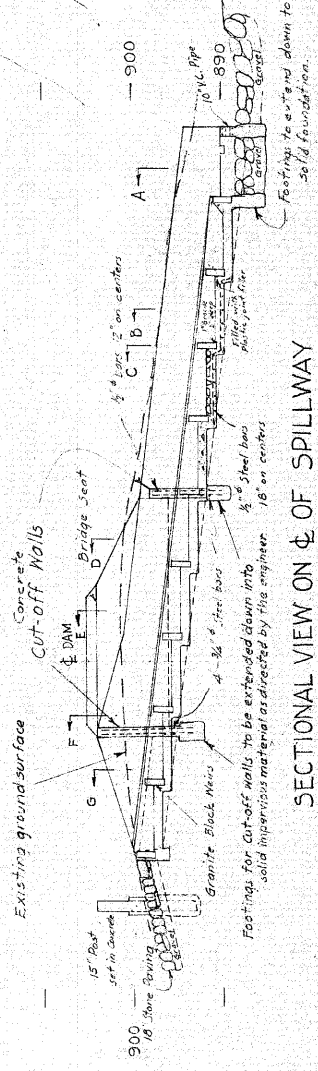
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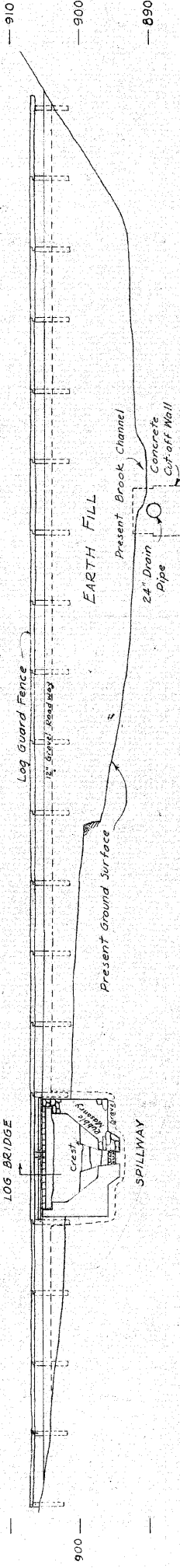
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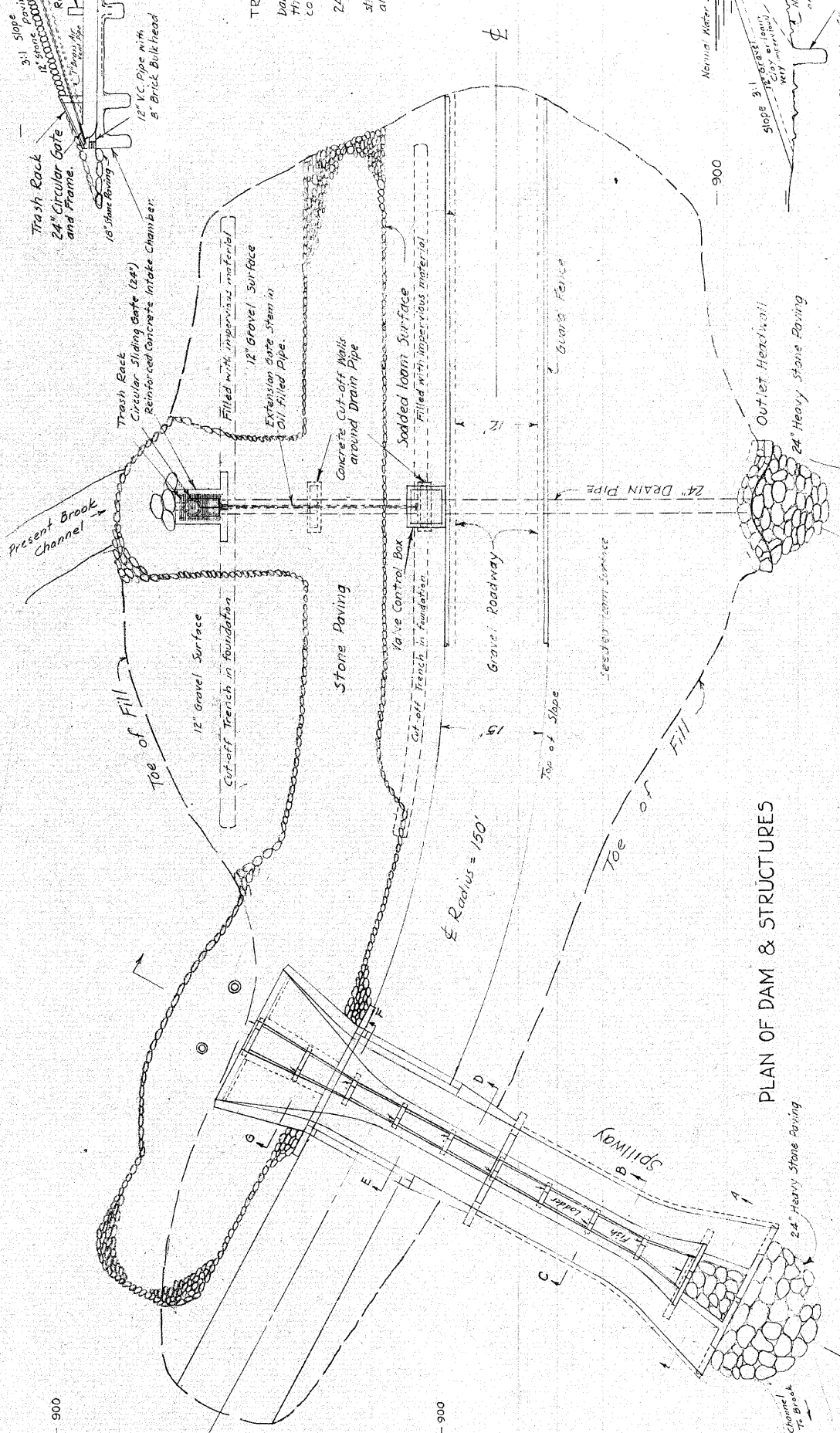
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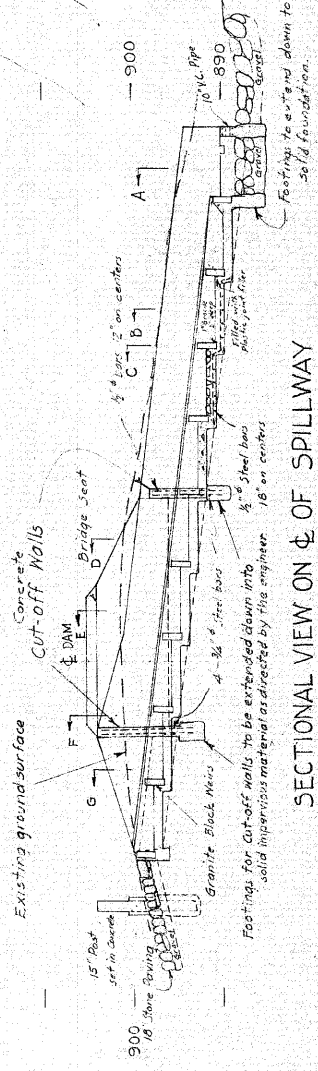
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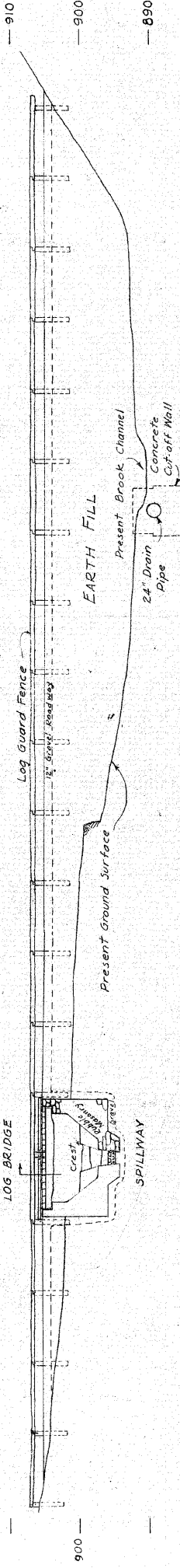
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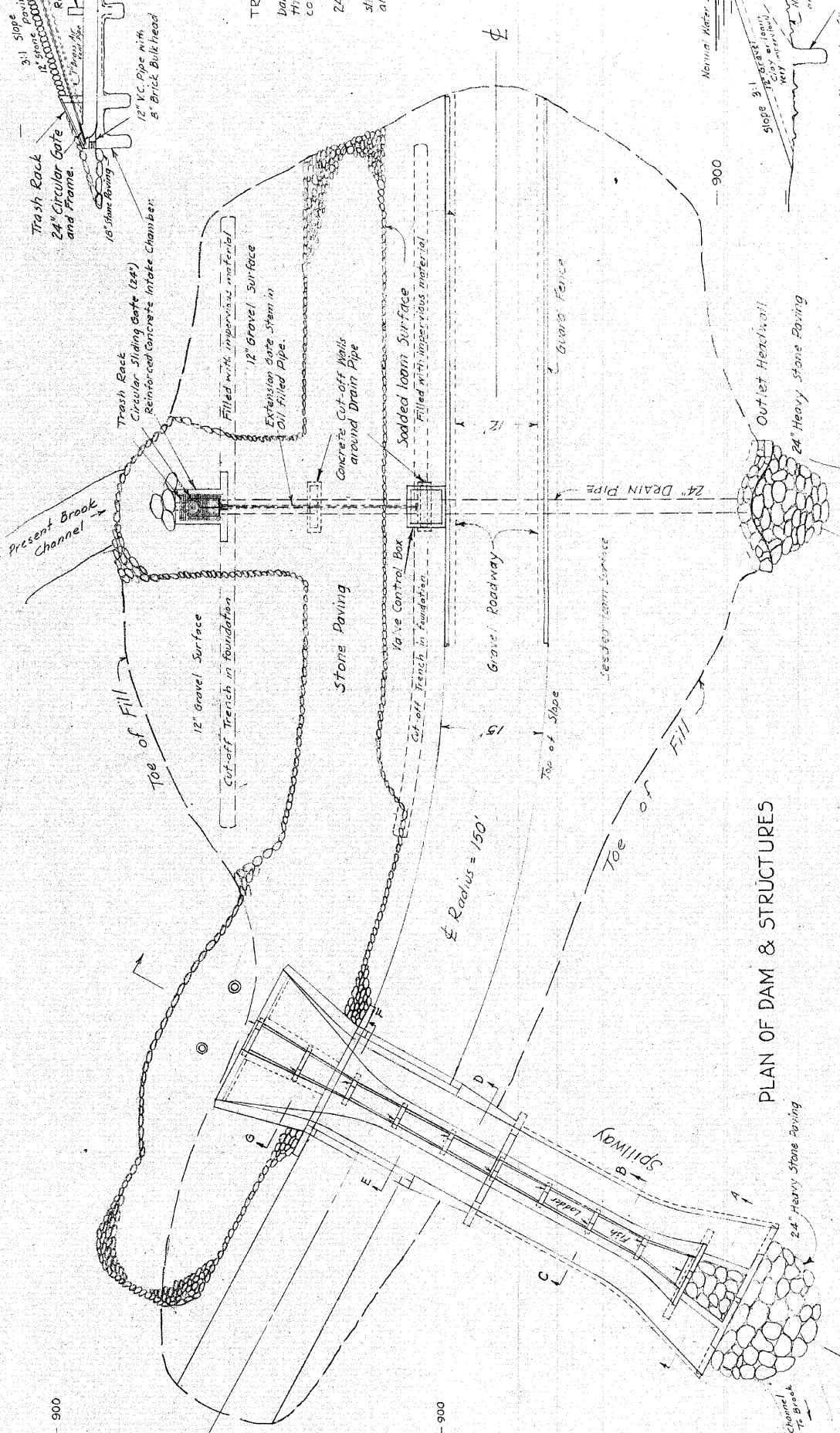
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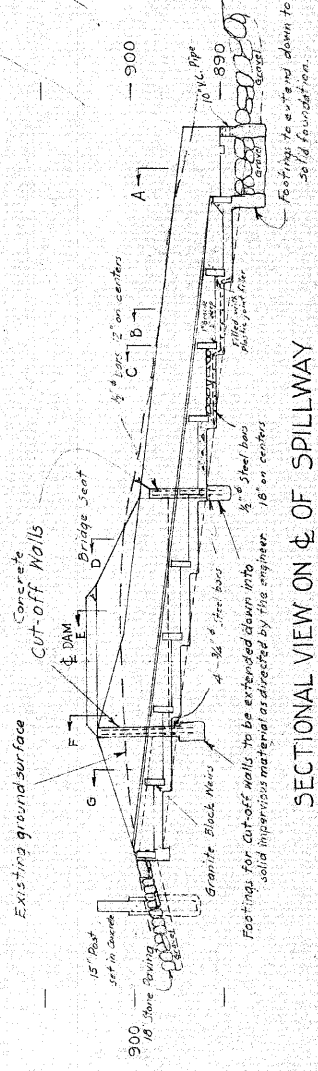
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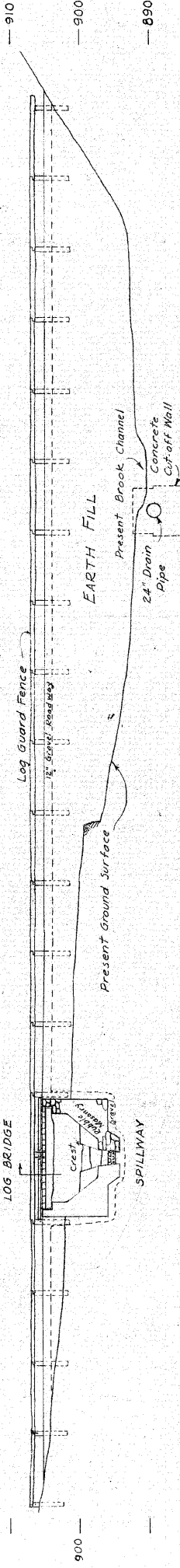
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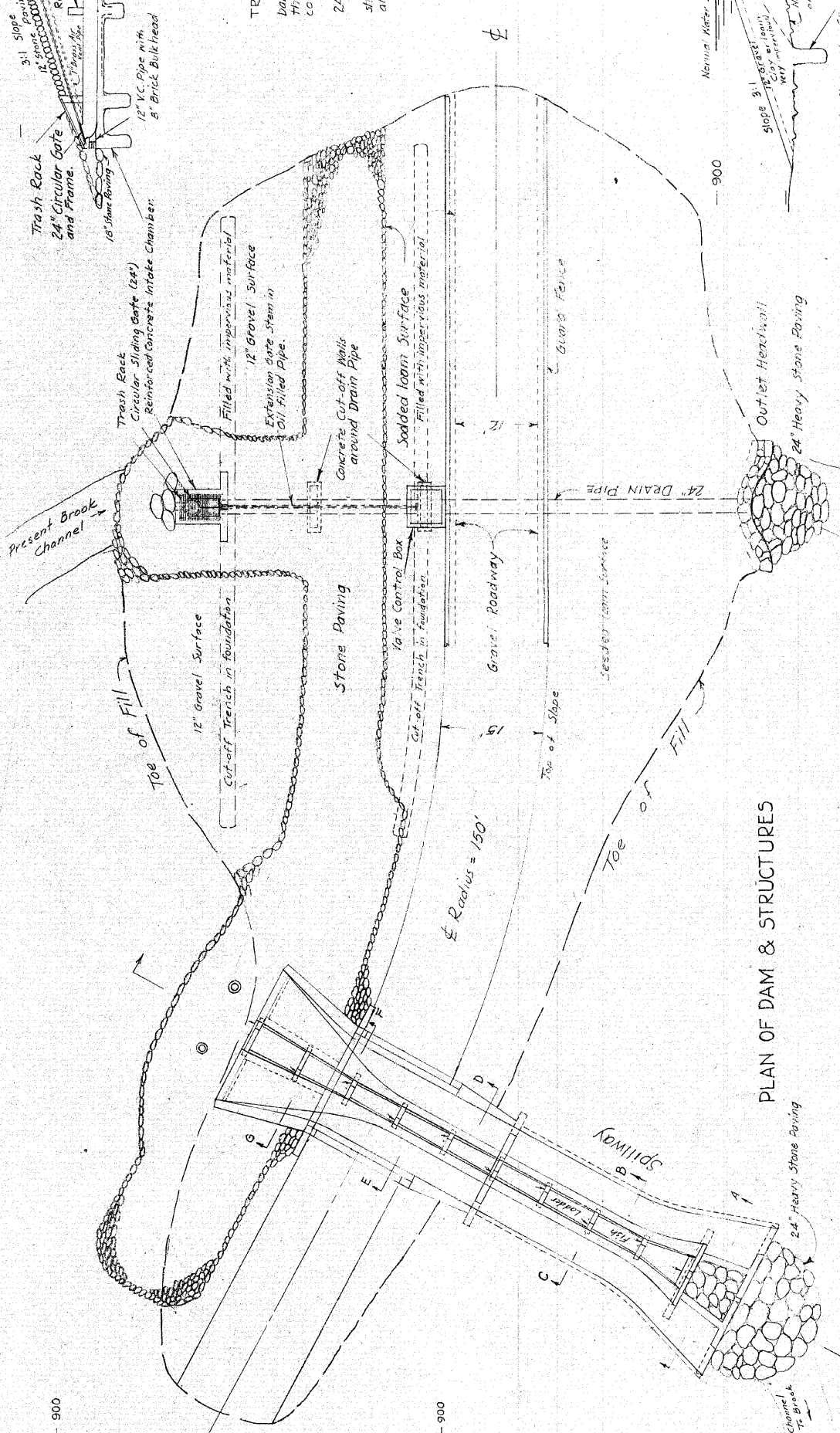
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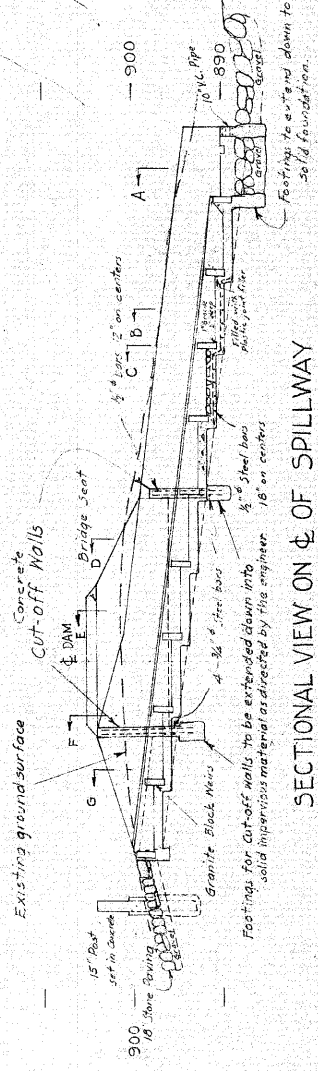
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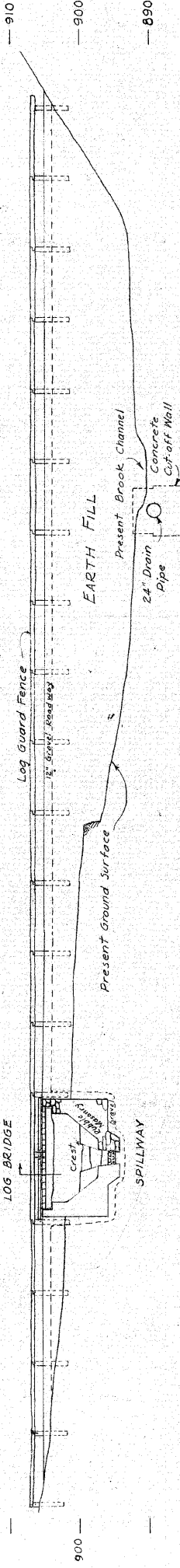
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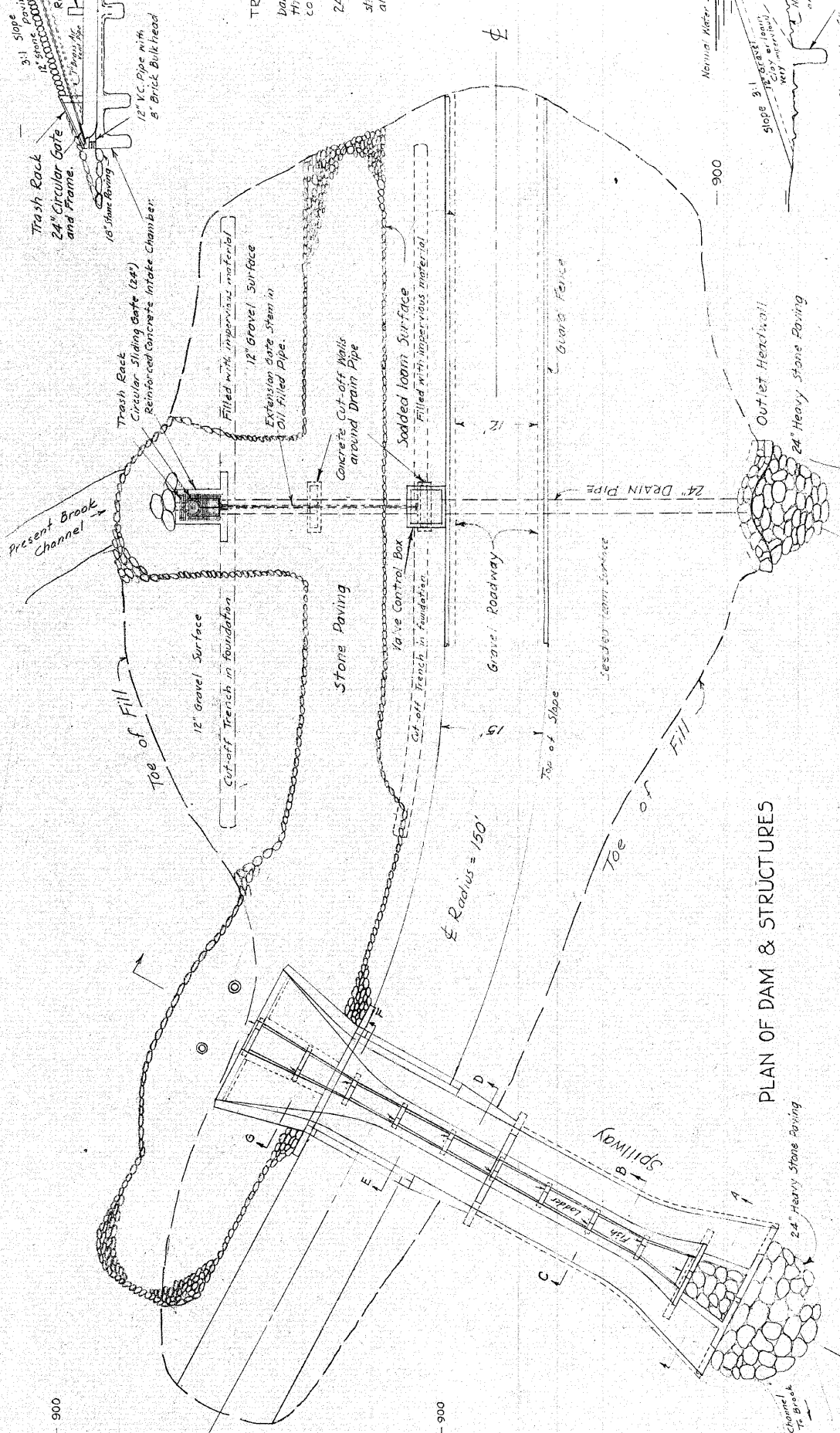
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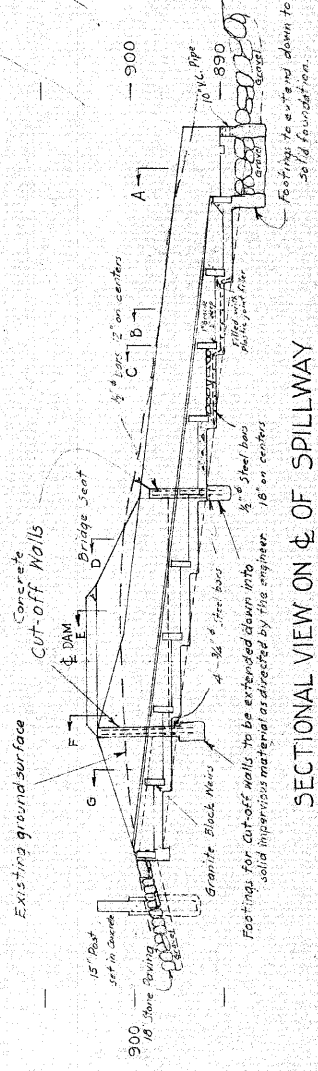
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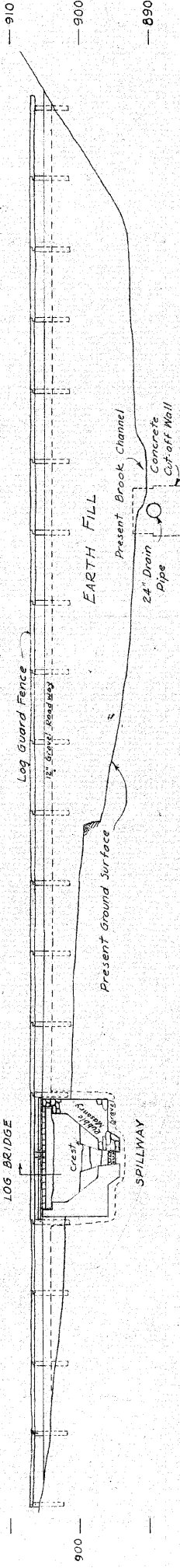
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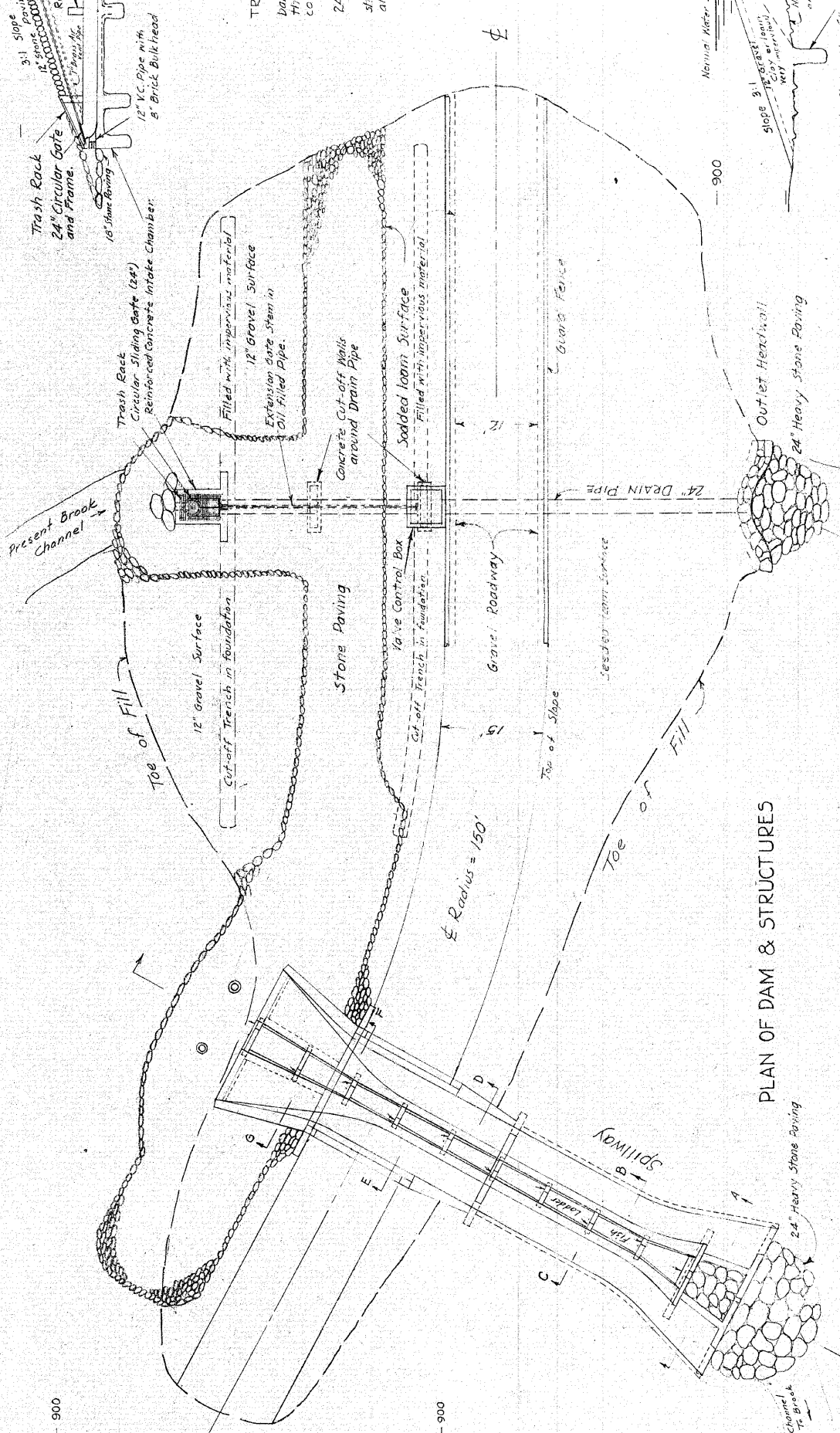
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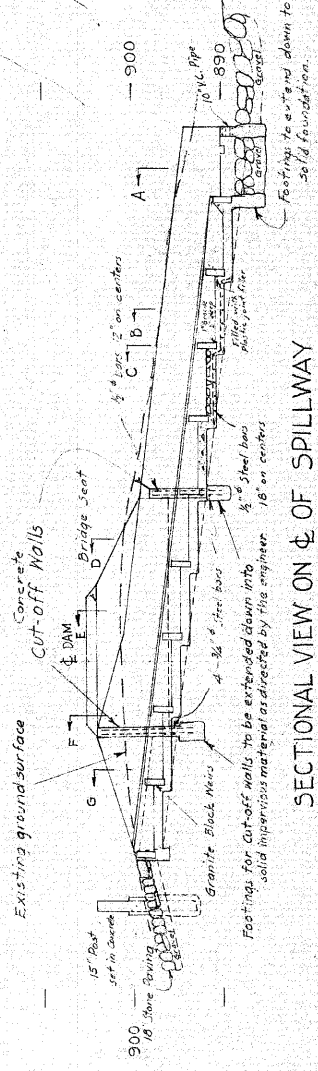
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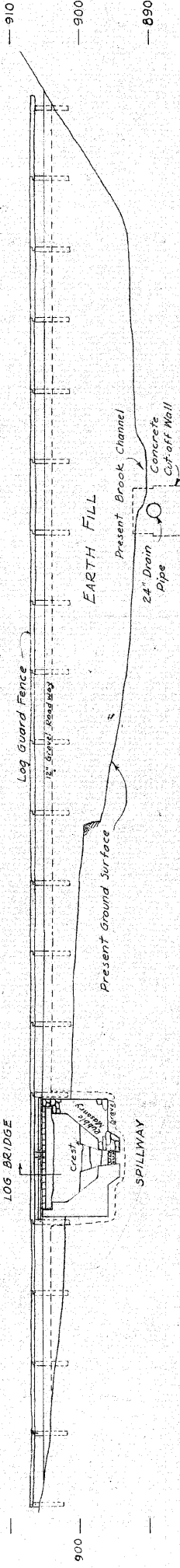
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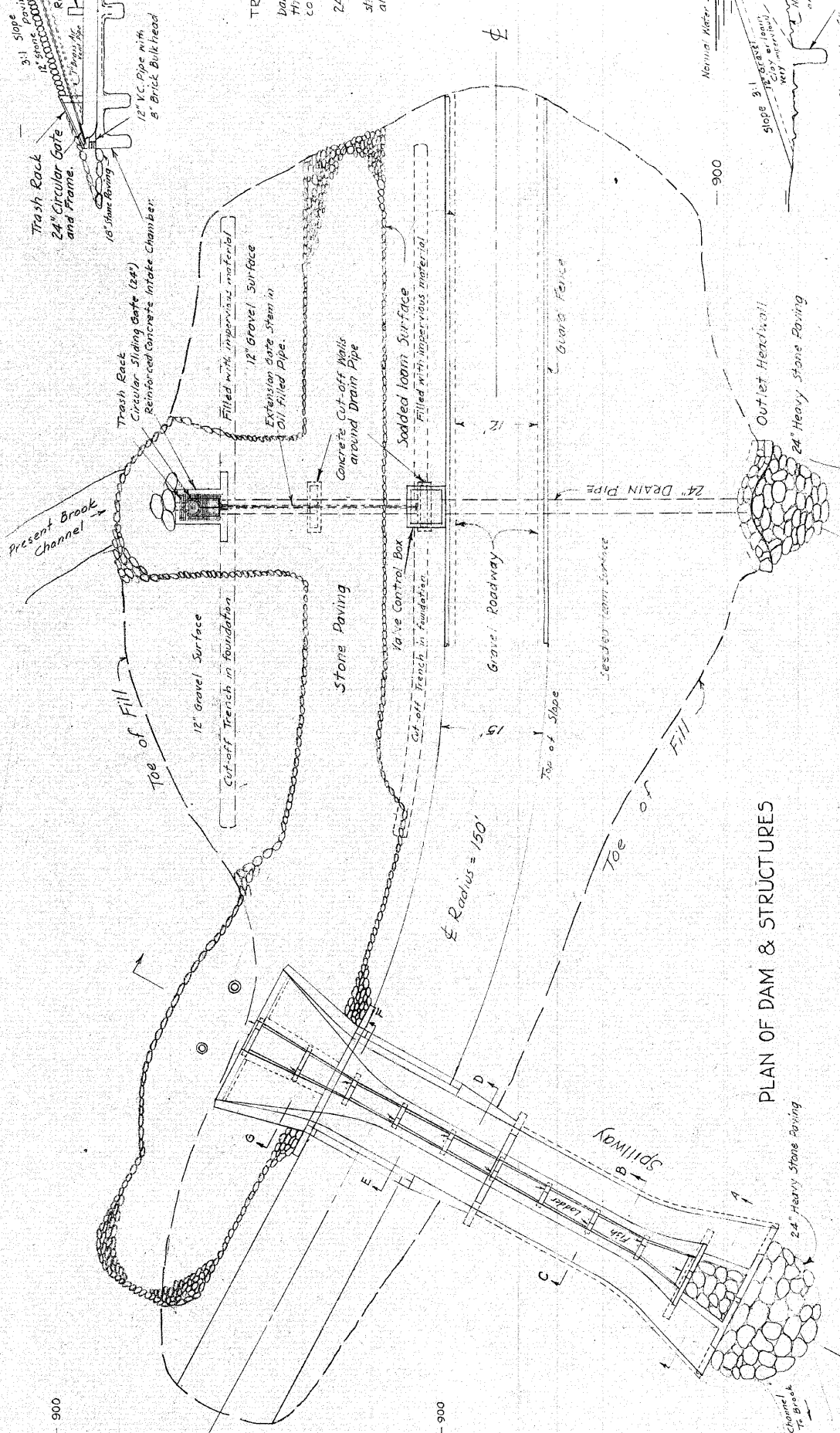
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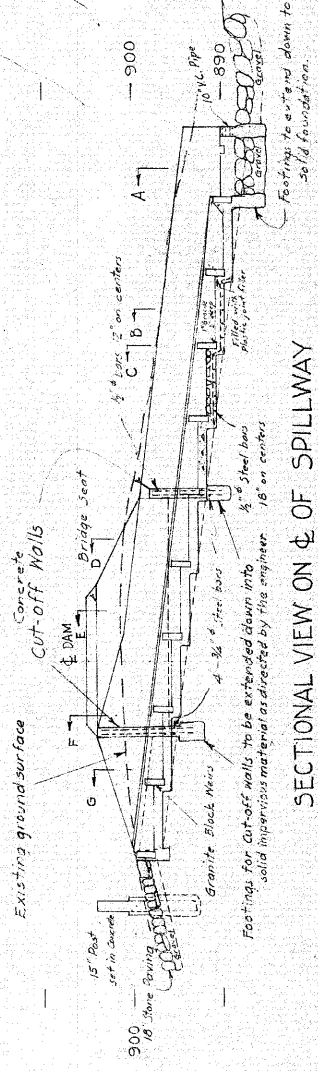
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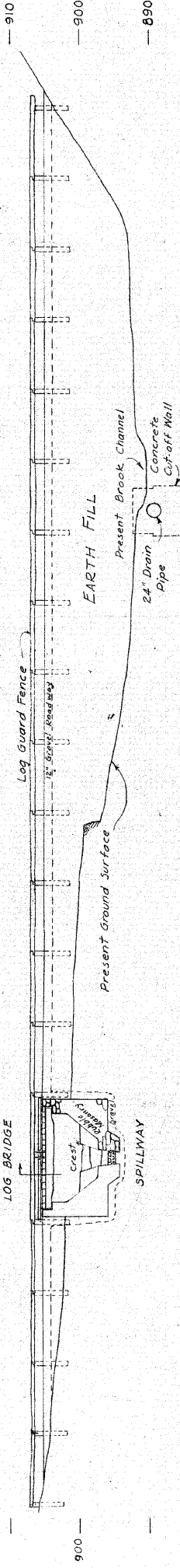
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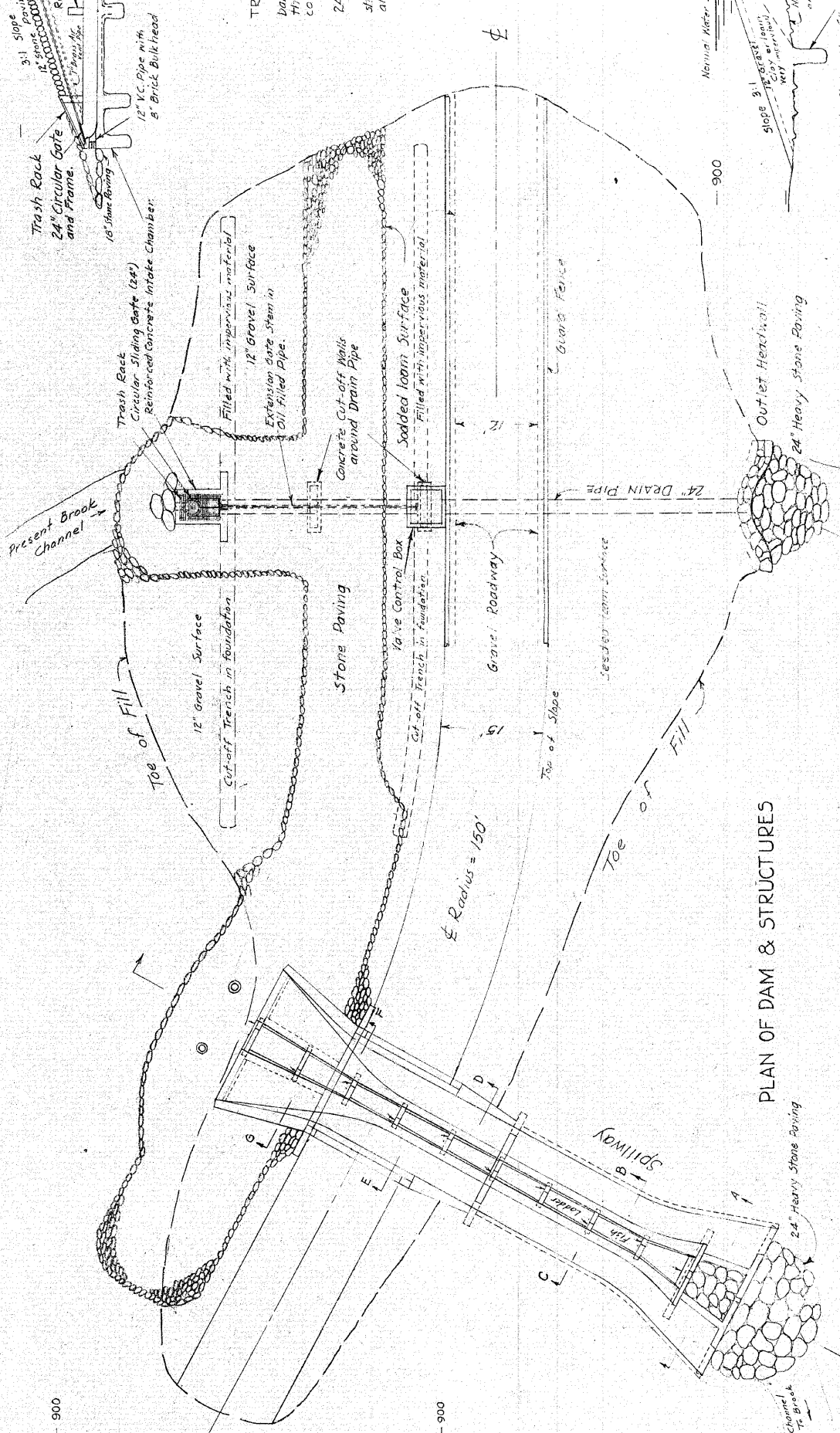
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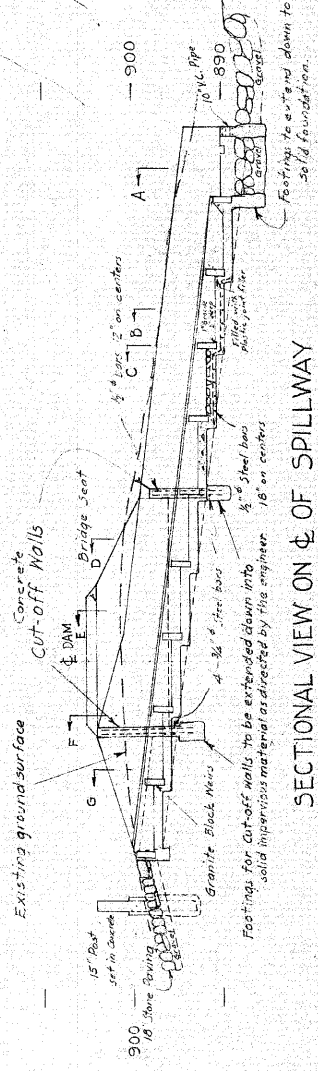
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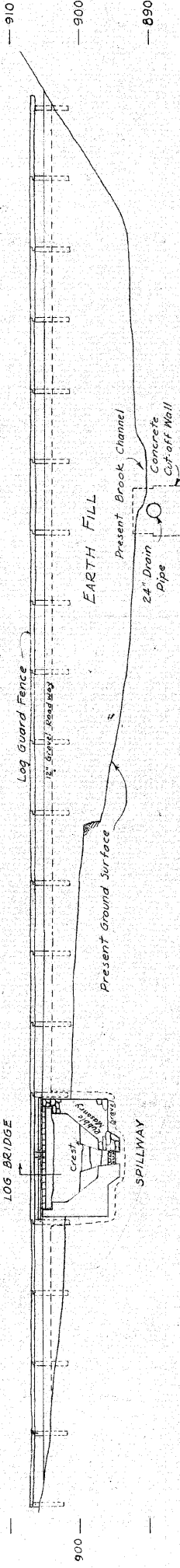
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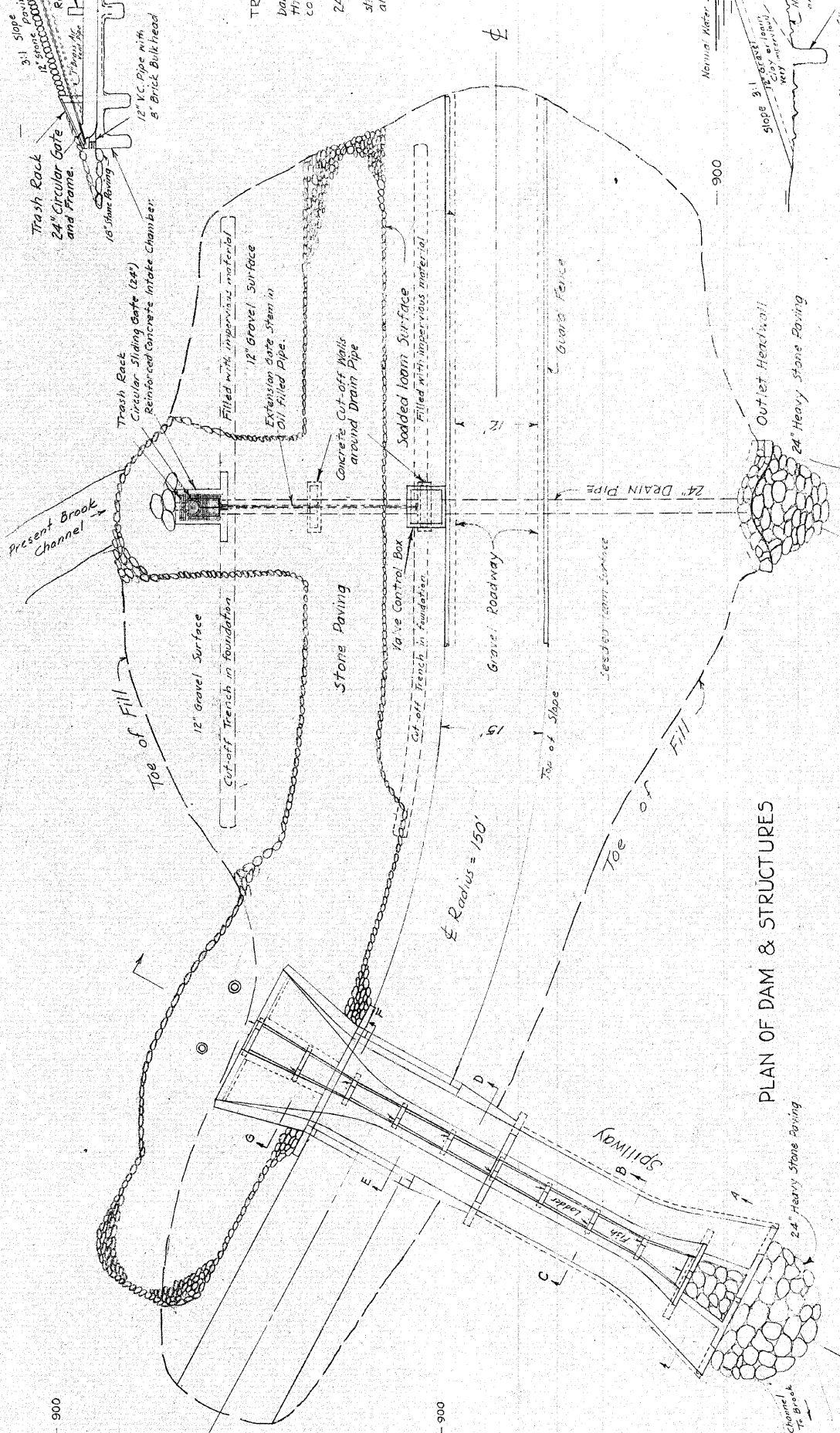
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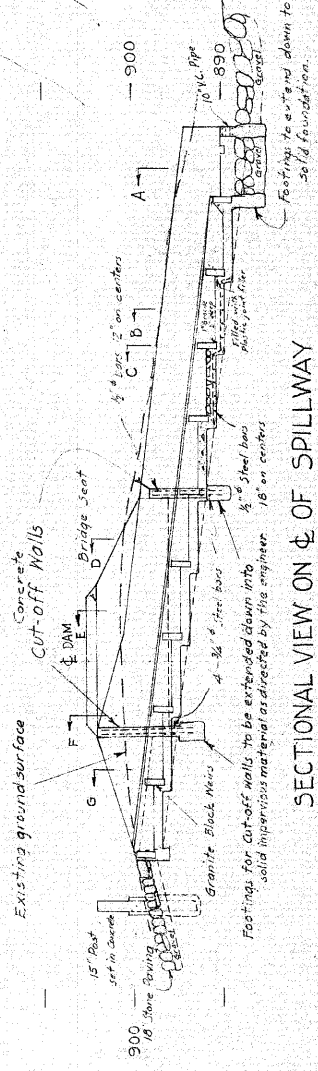
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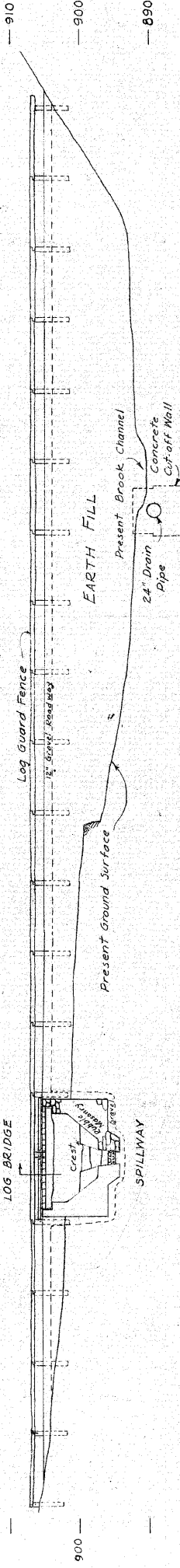
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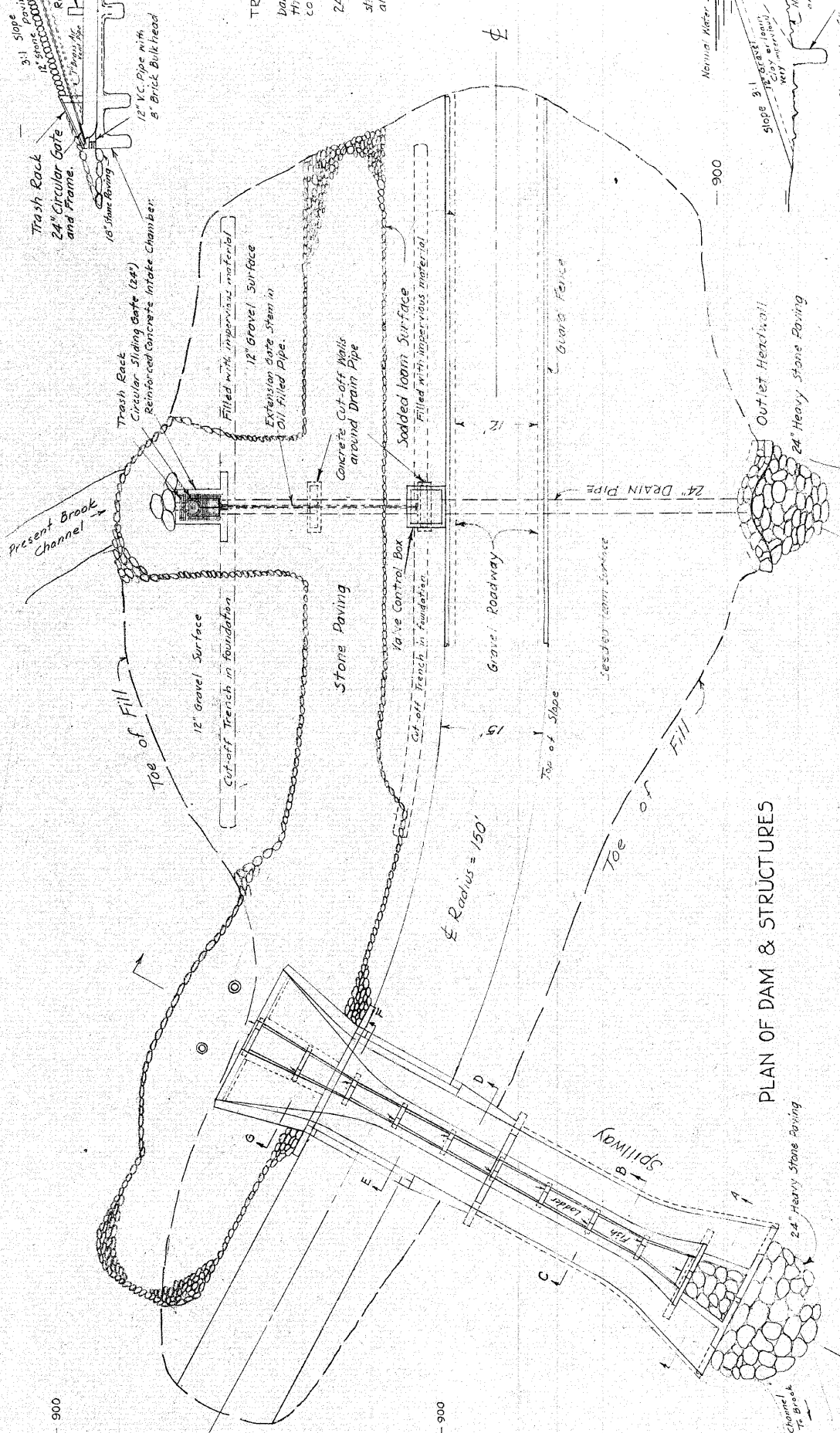
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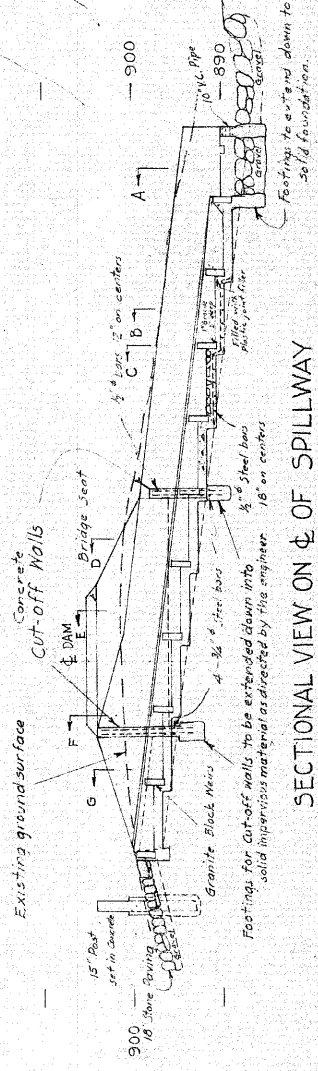
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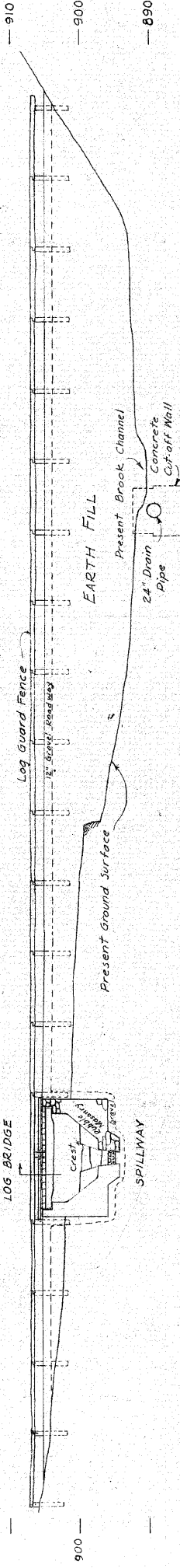
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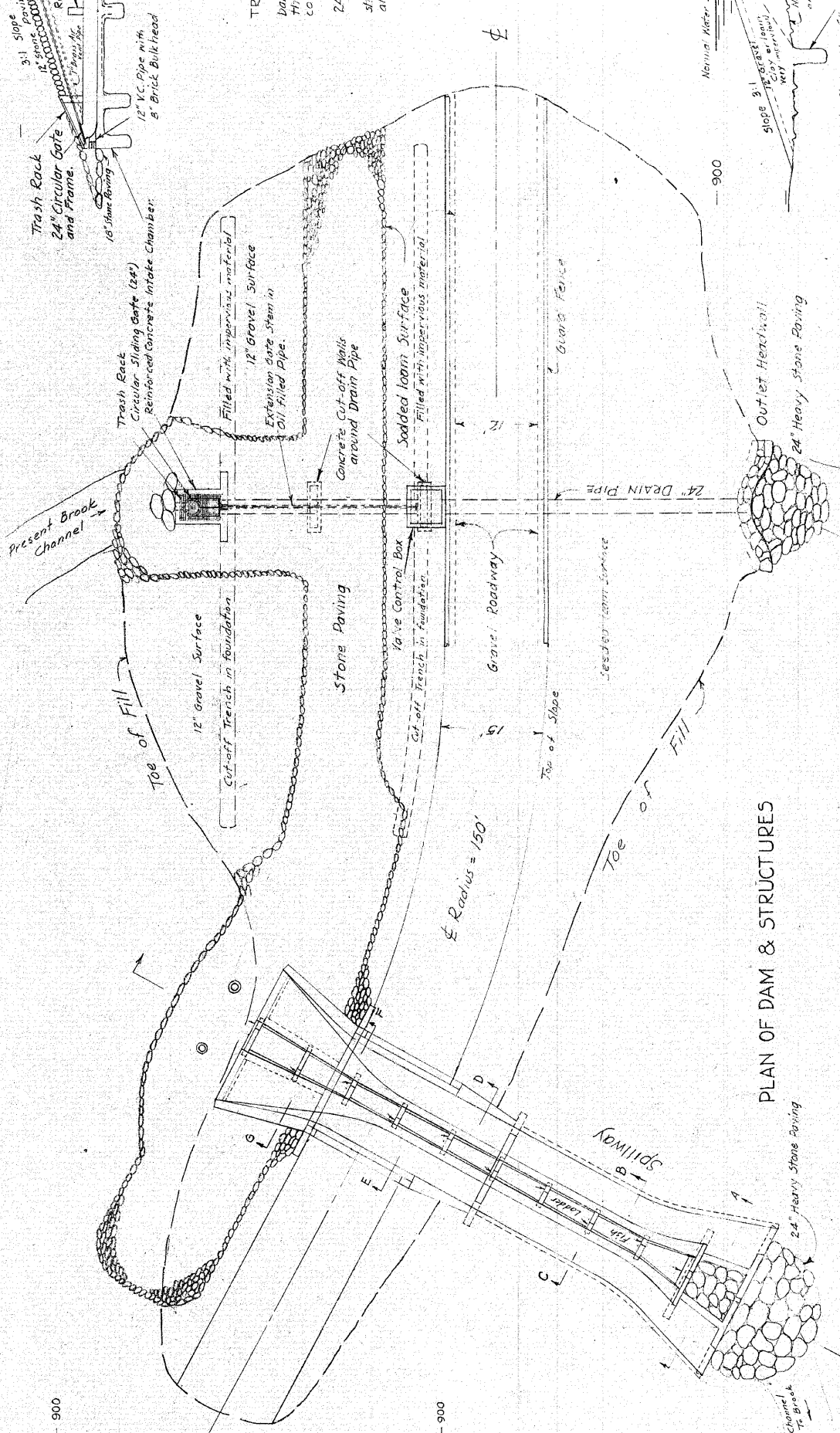
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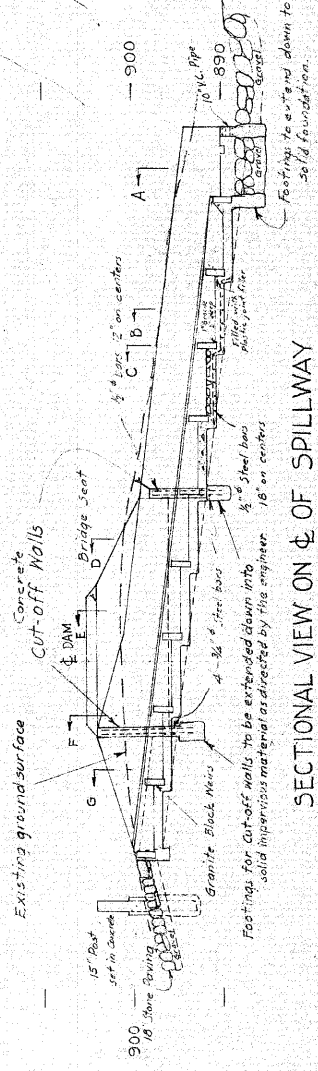
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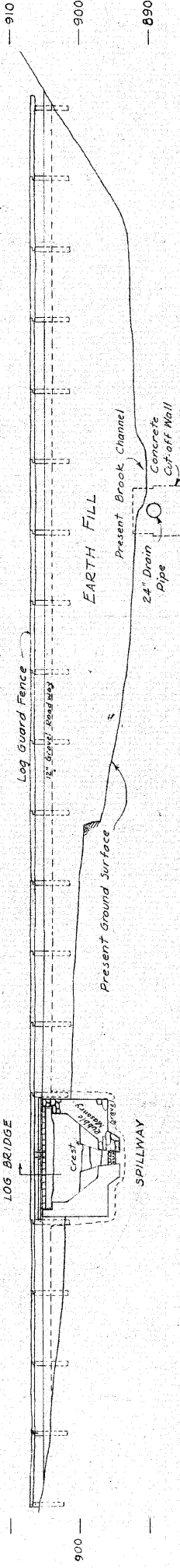
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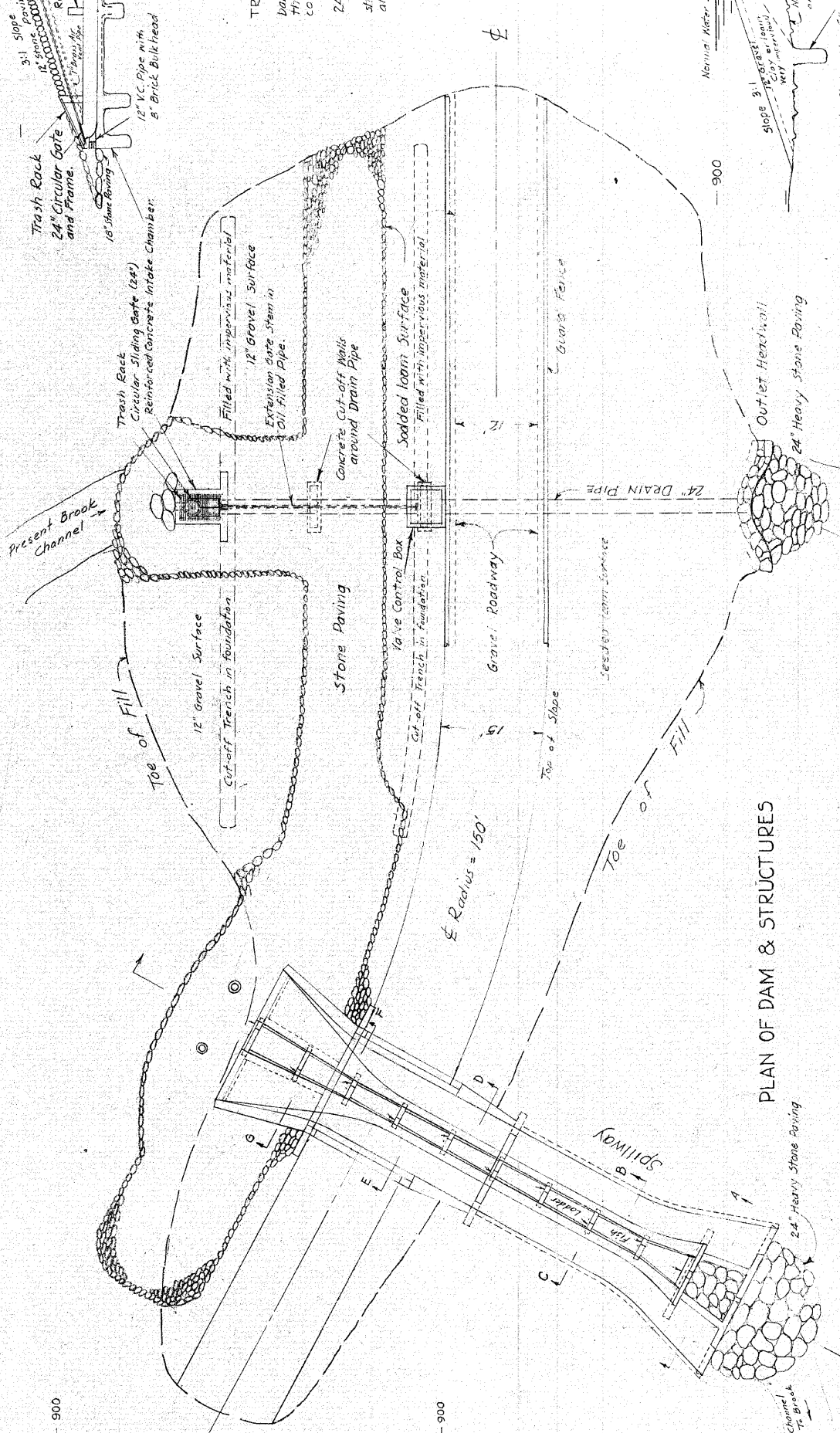
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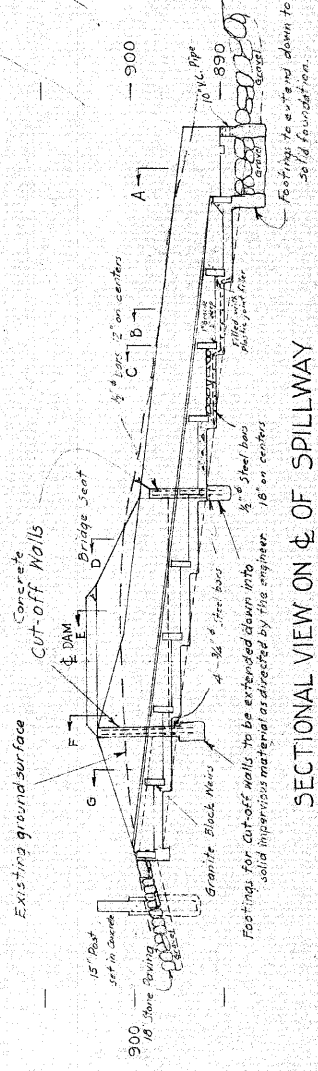
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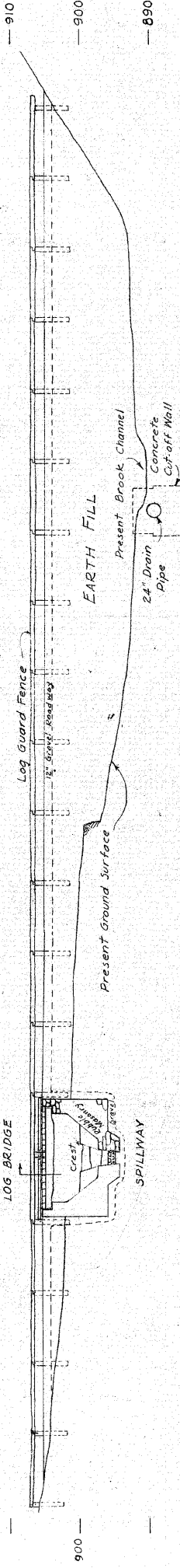
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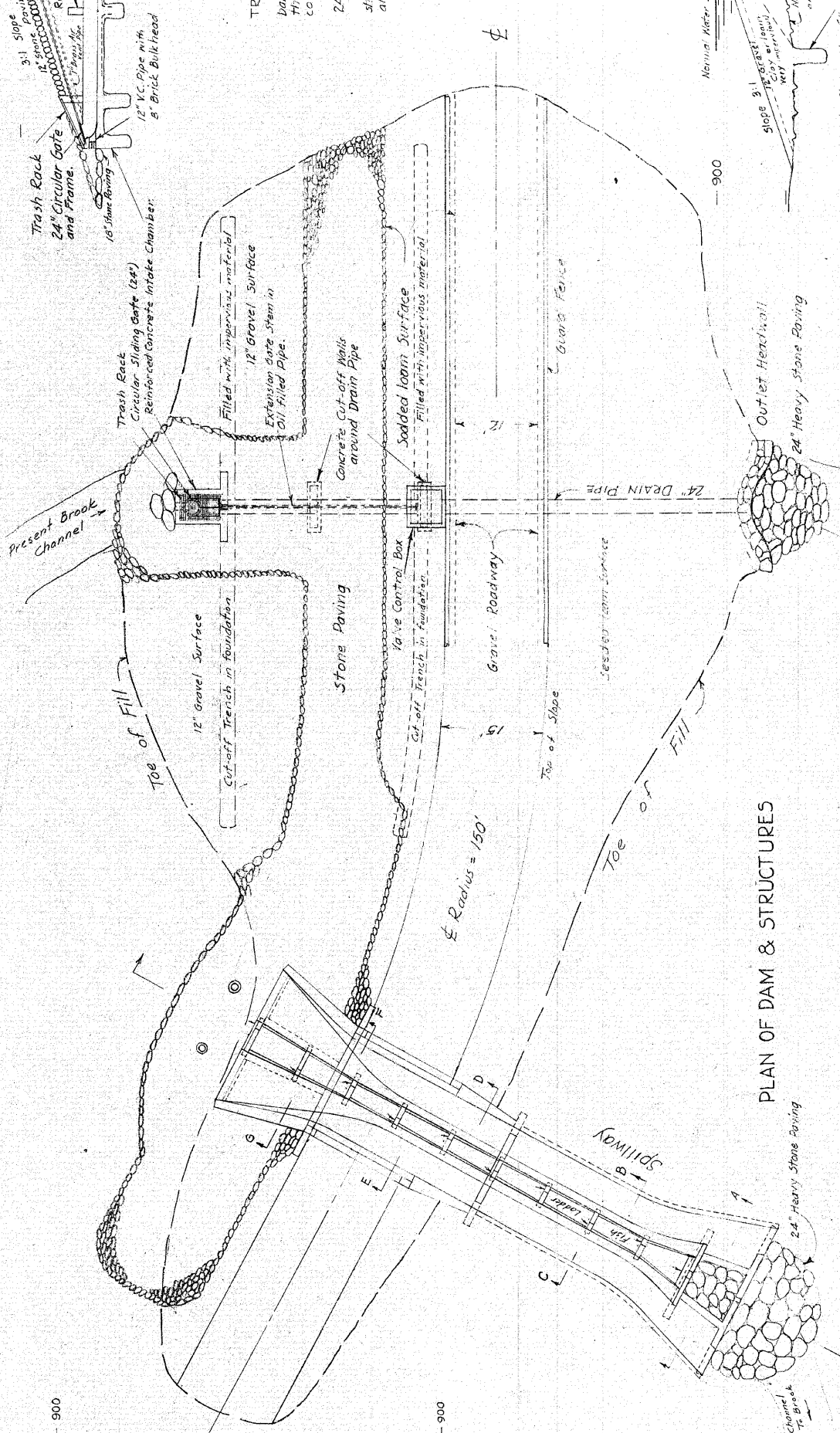
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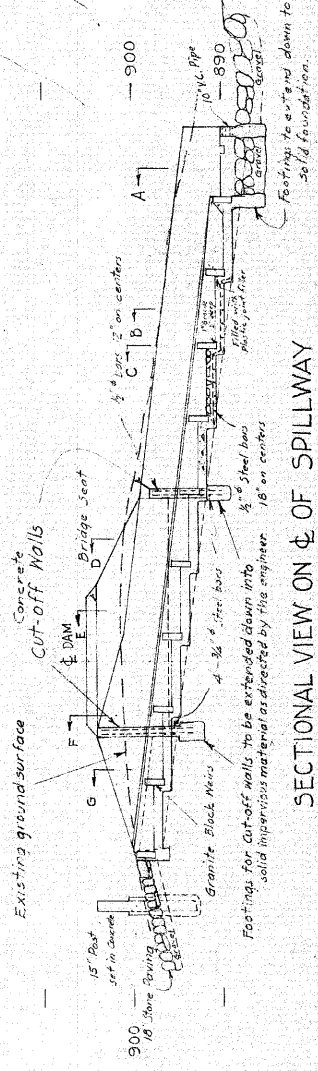
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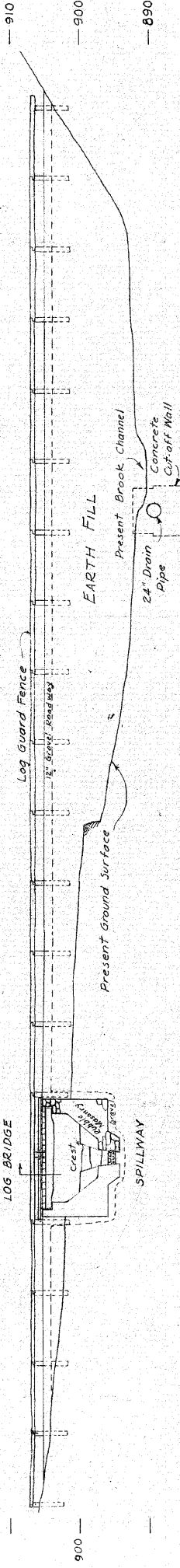
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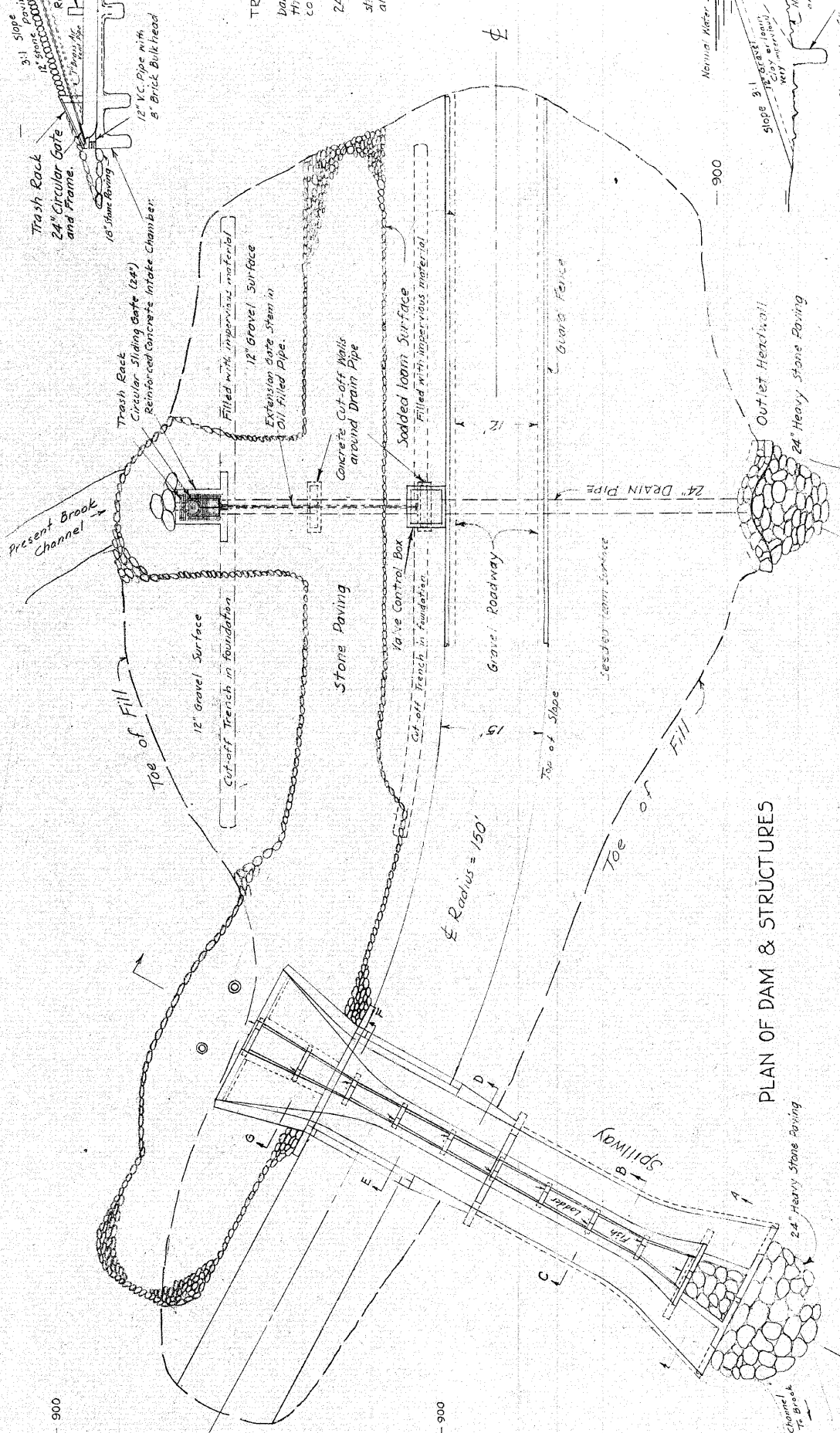
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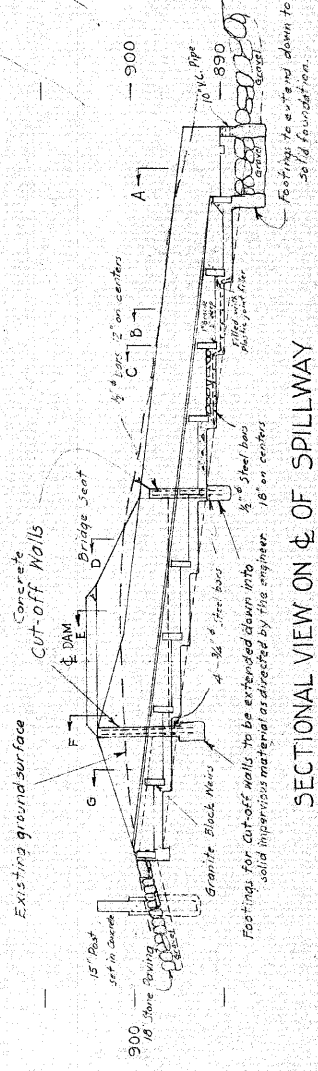
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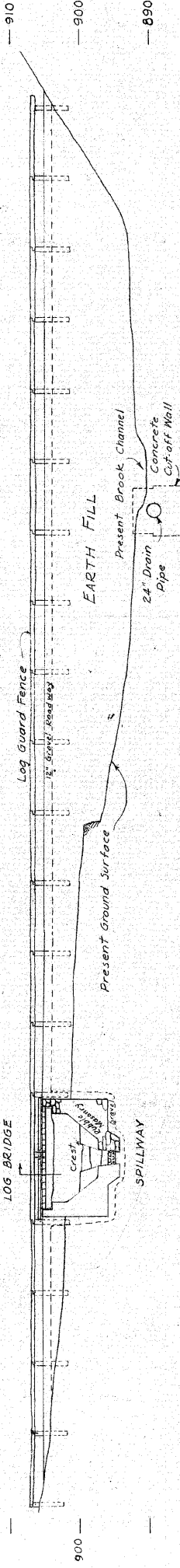
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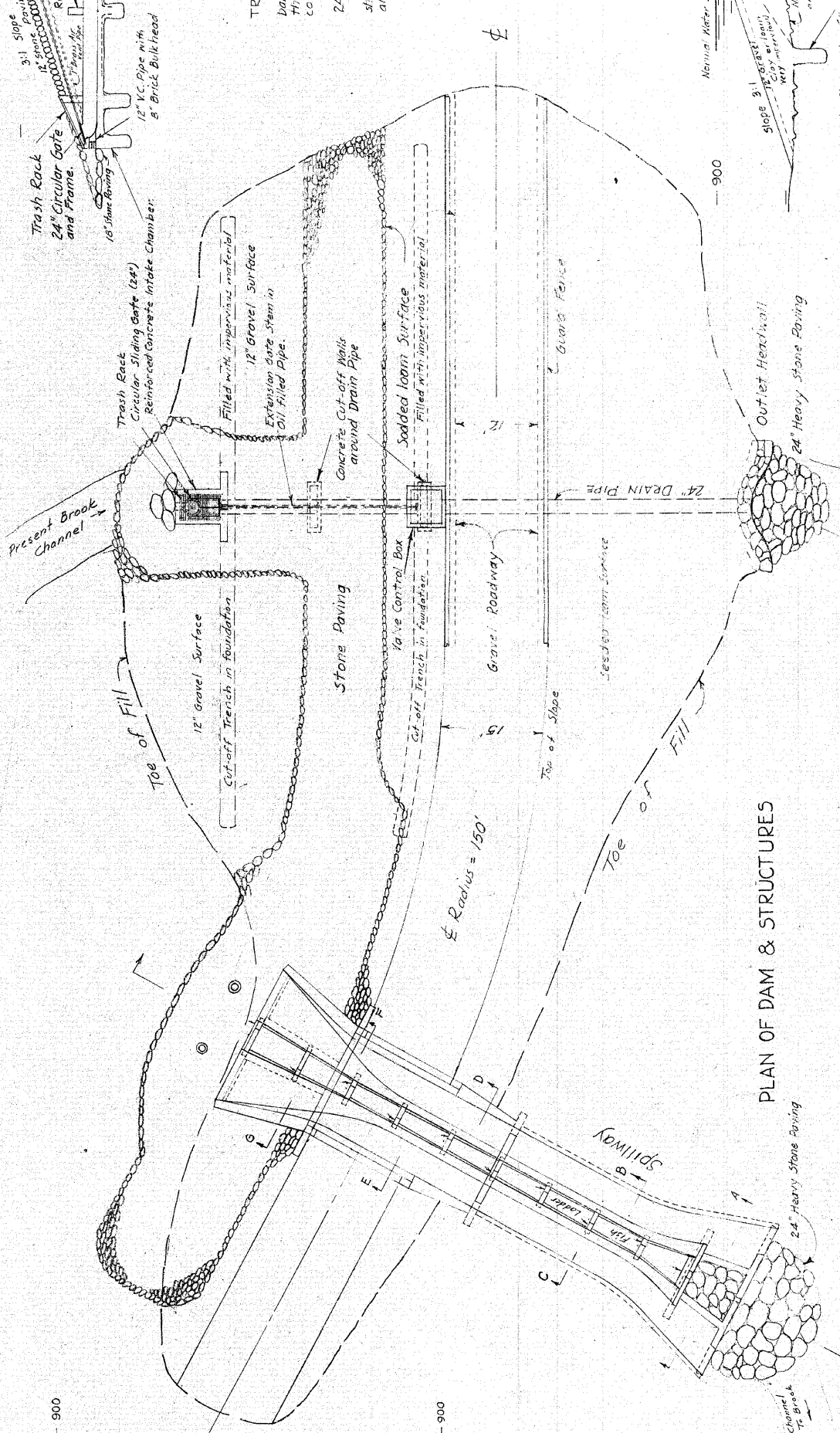
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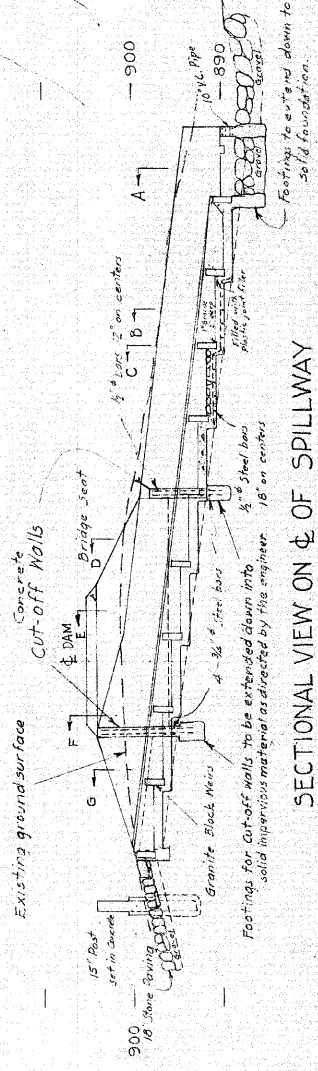
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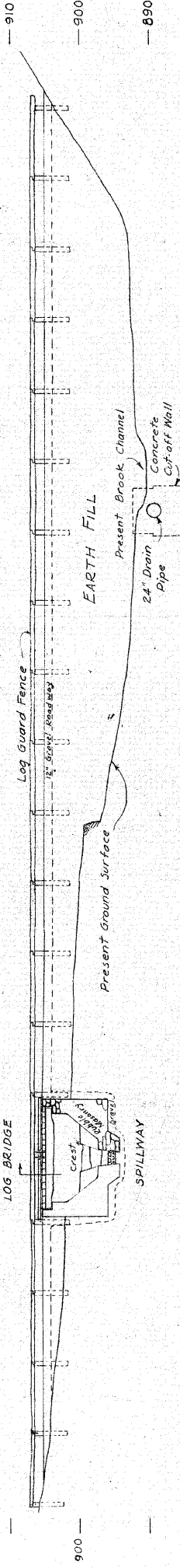
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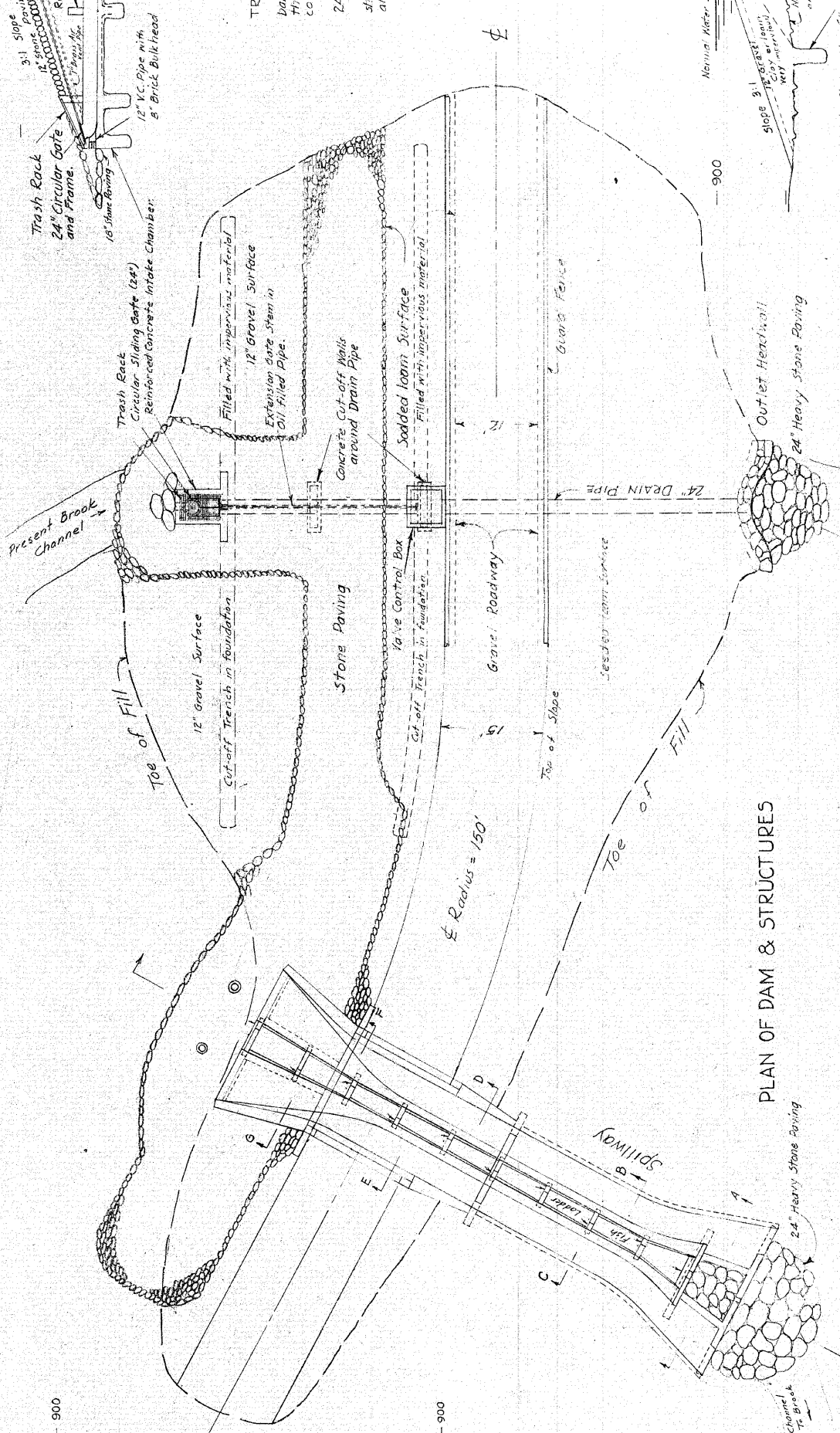
PLAN OF DAM & STRUCTURES



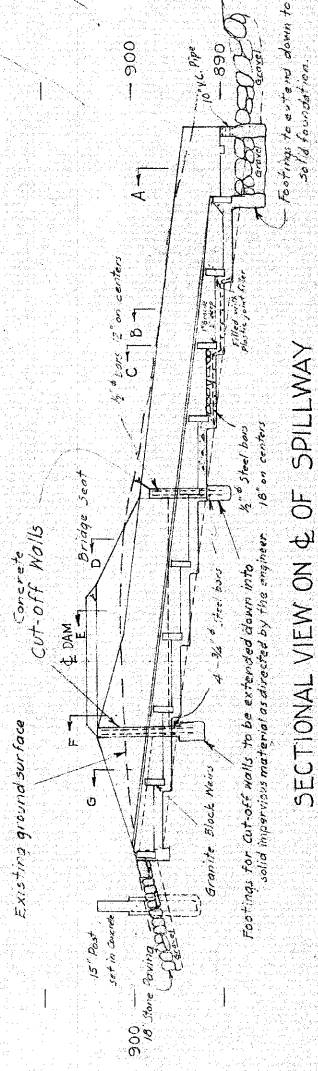
SECTIONAL VIEW ON CL OF SPILLWAY



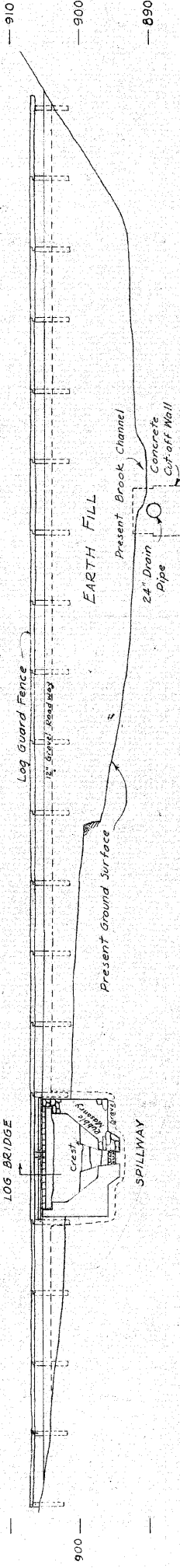
SECTIONAL VIEW ALONG CL OF DAM



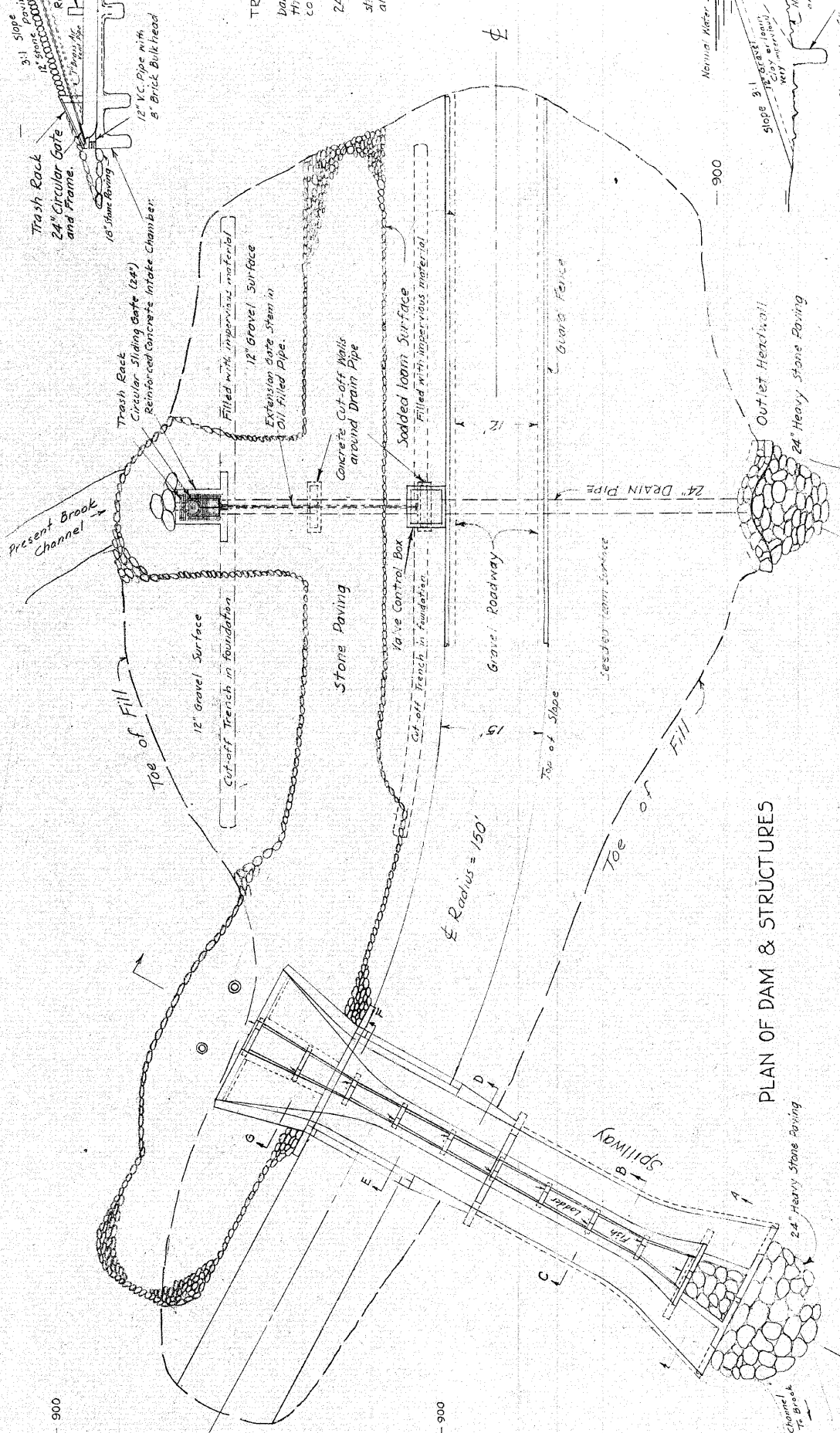
PLAN OF DAM & STRUCTURES



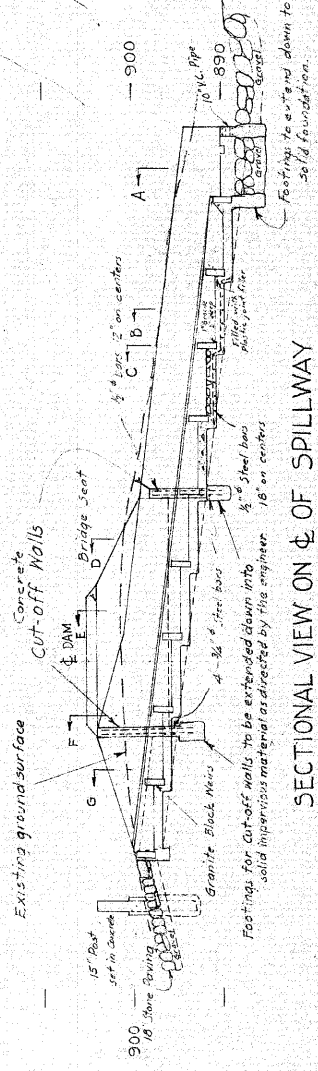
SECTIONAL VIEW ON CL OF SPILLWAY



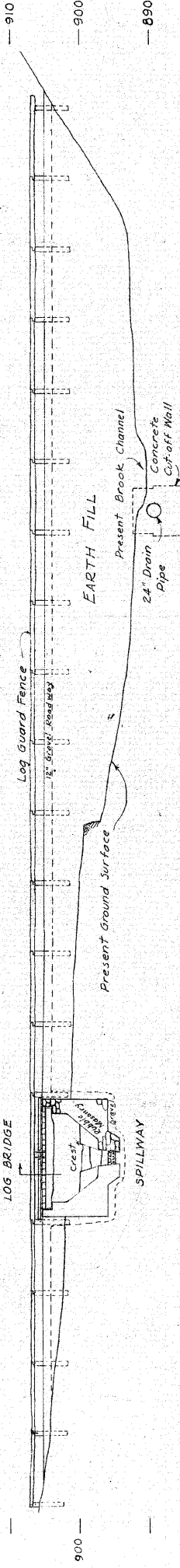
SECTIONAL VIEW ALONG CL OF DAM



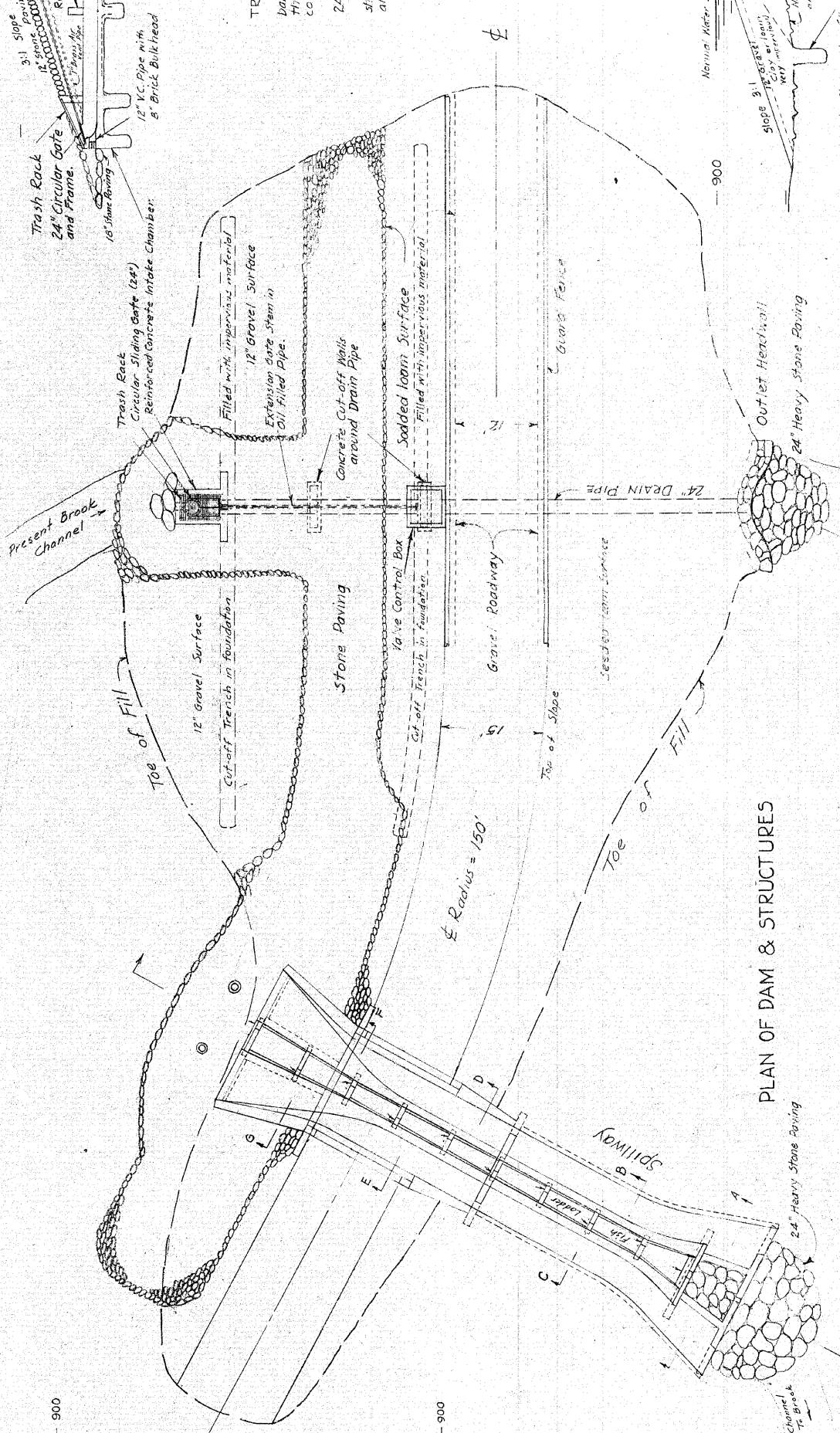
PLAN OF DAM & STRUCTURES



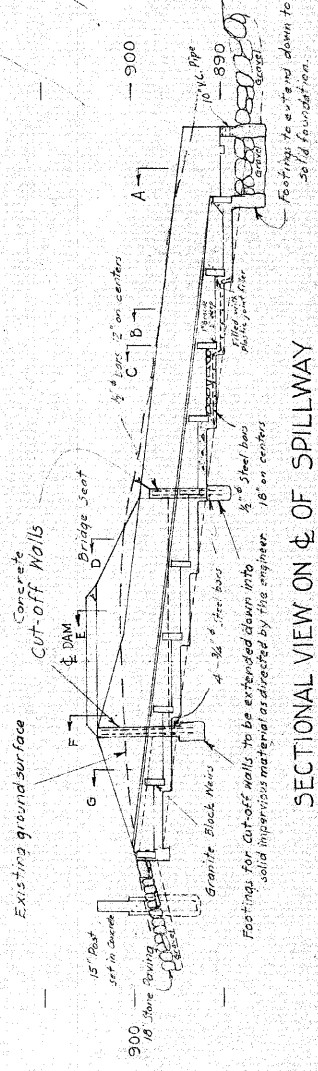
SECTIONAL VIEW ON CL OF SPILLWAY



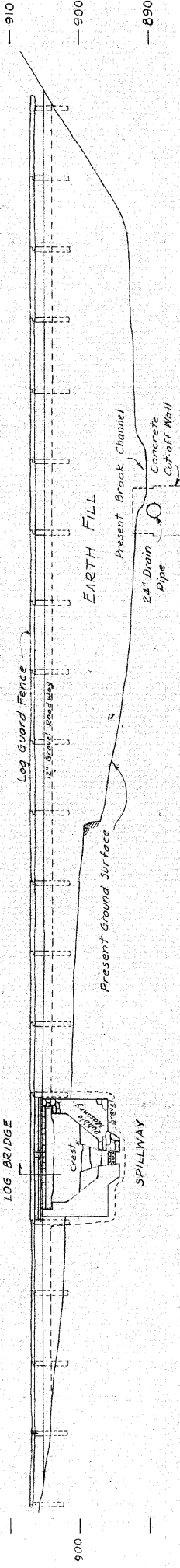
SECTIONAL VIEW ALONG CL OF DAM



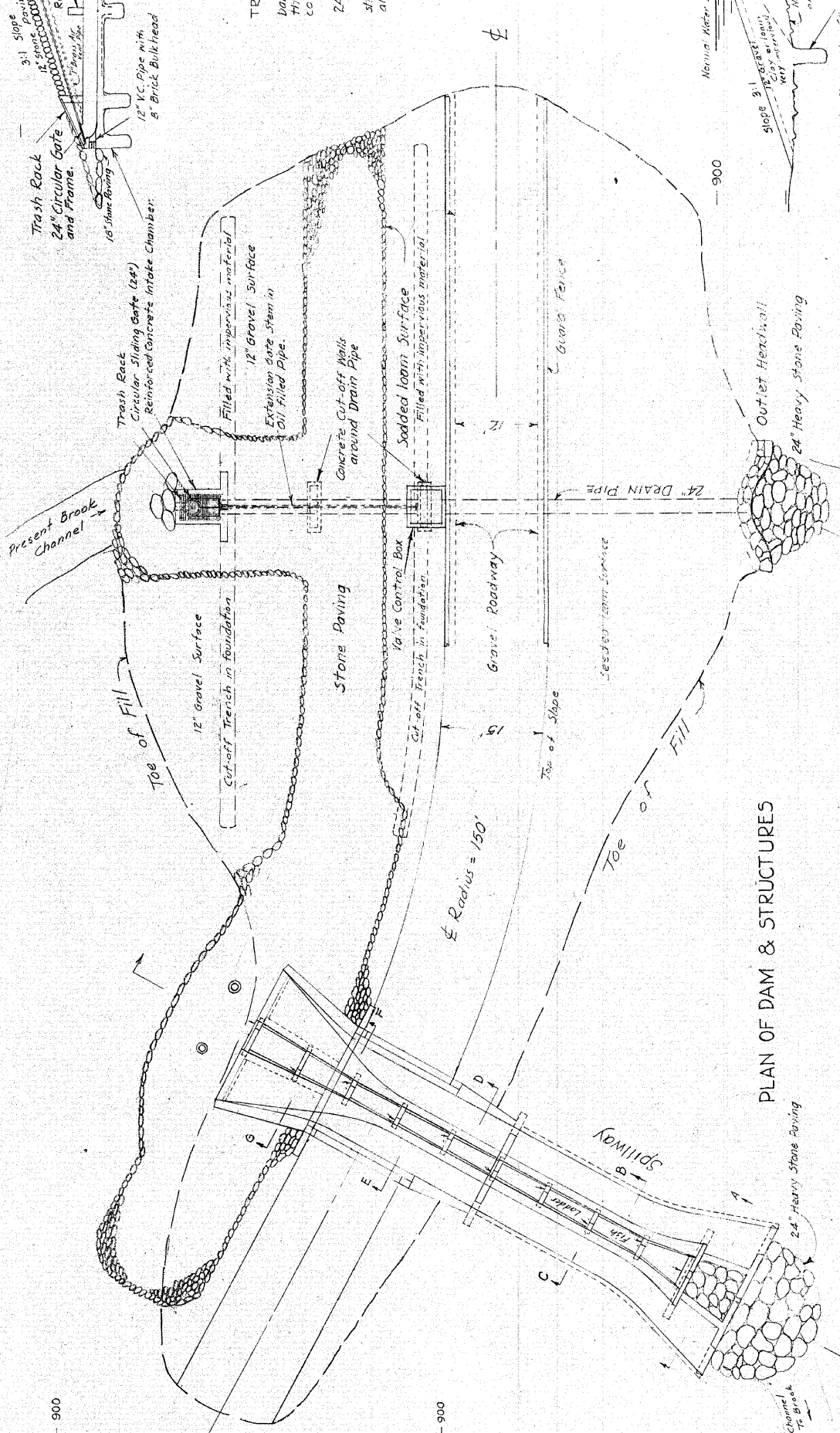
PLAN OF DAM & STRUCTURES



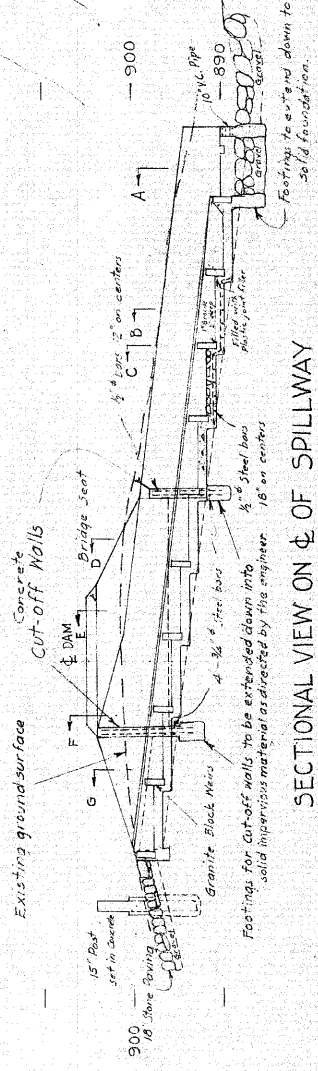
SECTIONAL VIEW ON CL OF SPILLWAY



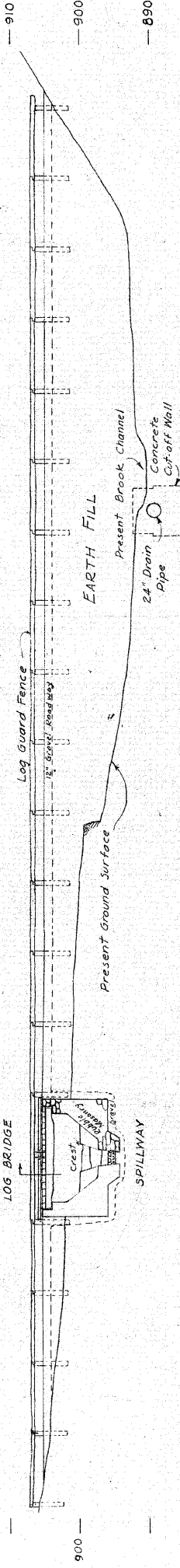
SECTIONAL VIEW ALONG CL OF DAM



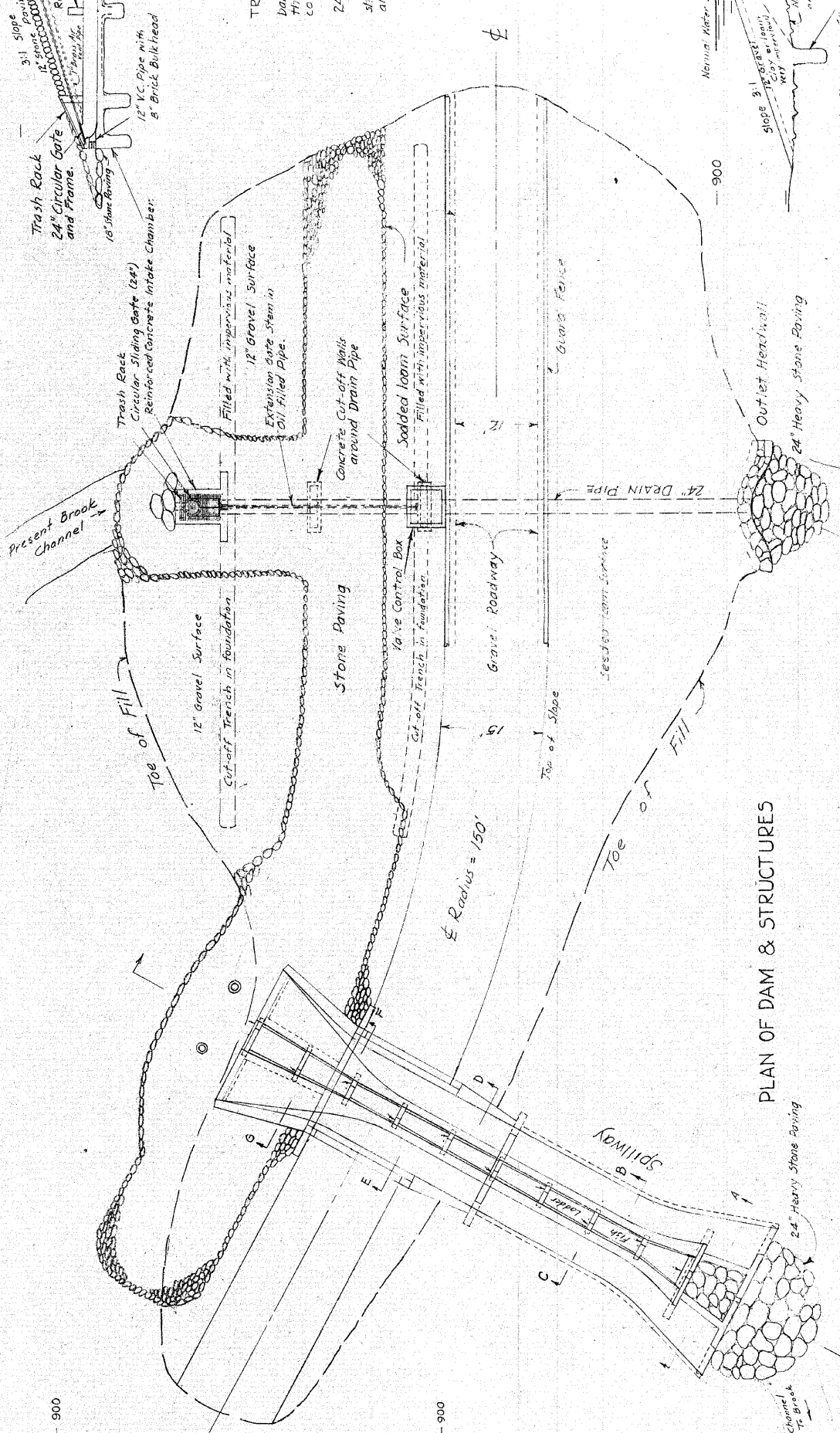
PLAN OF DAM & STRUCTURES



SECTIONAL VIEW ON CL OF SPILLWAY



SECTIONAL VIEW ALONG CL OF DAM



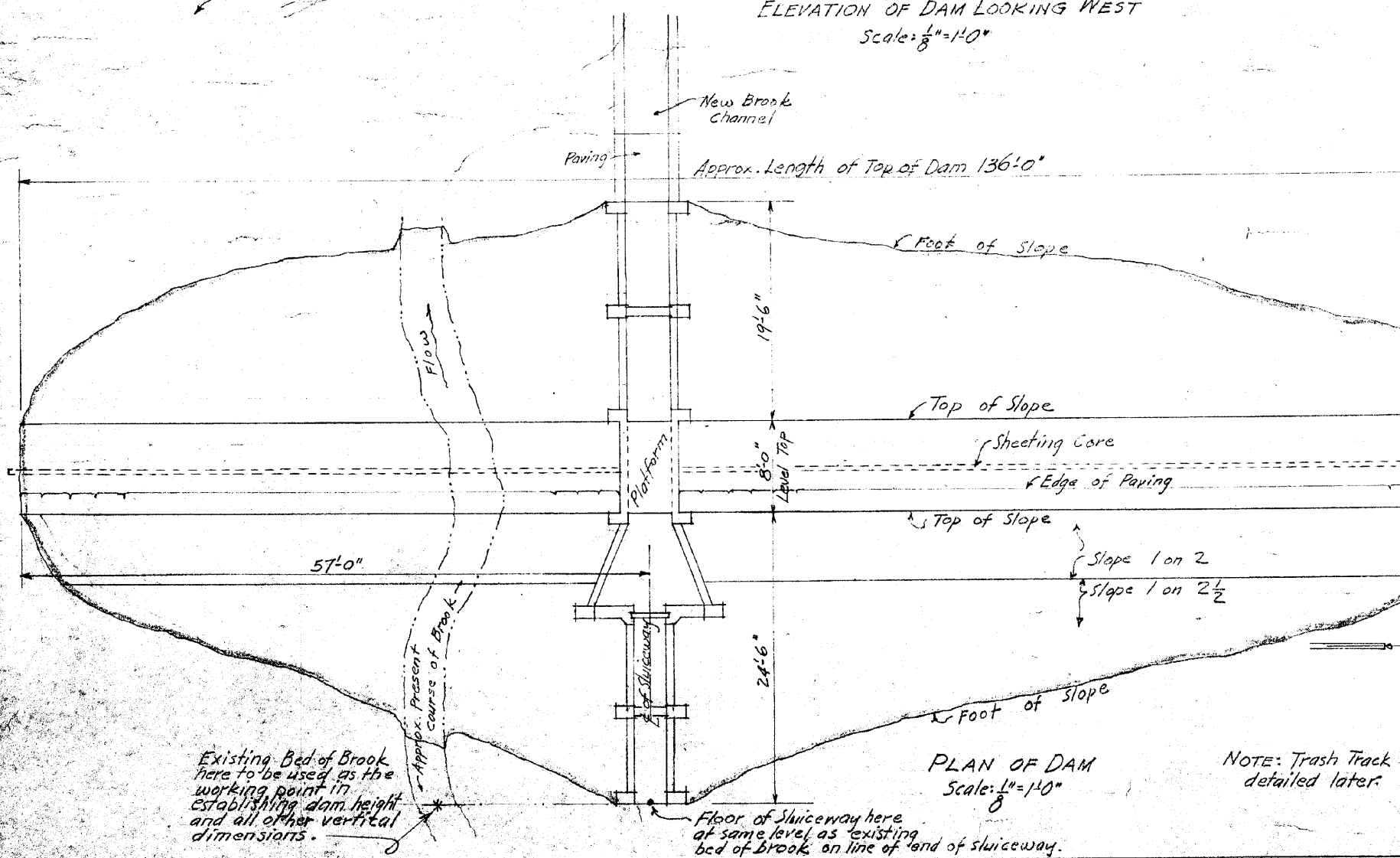
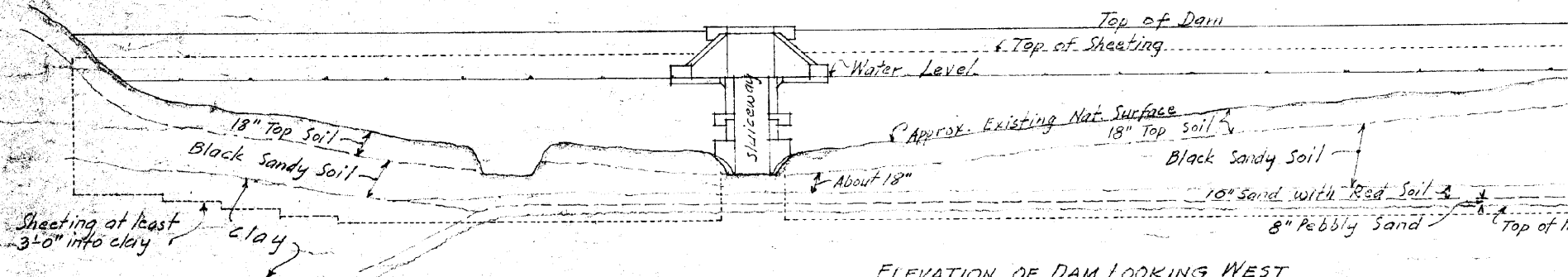
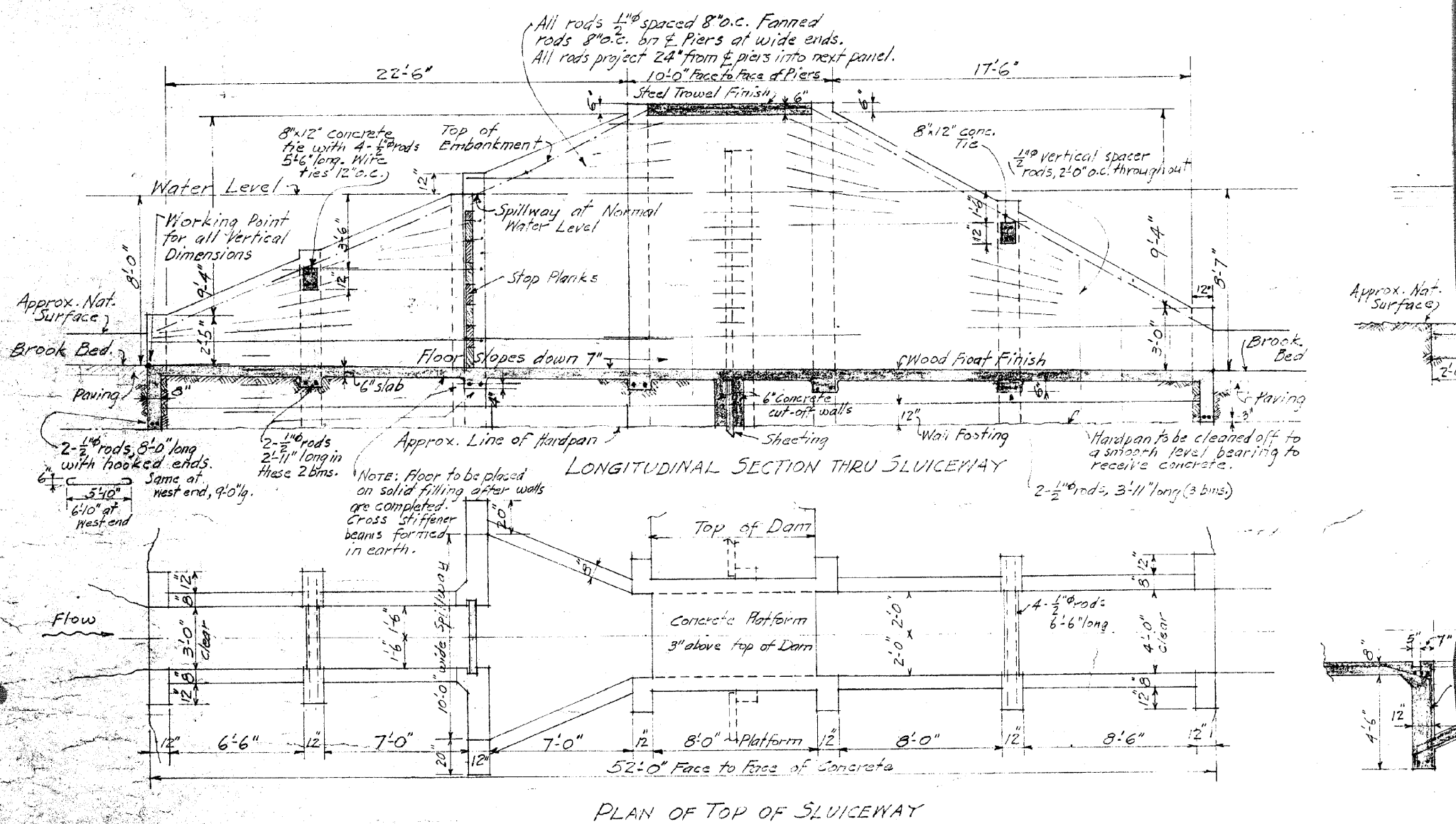
**Plan Original Book and Page:     ch11037**

**Name of specific Plan:**

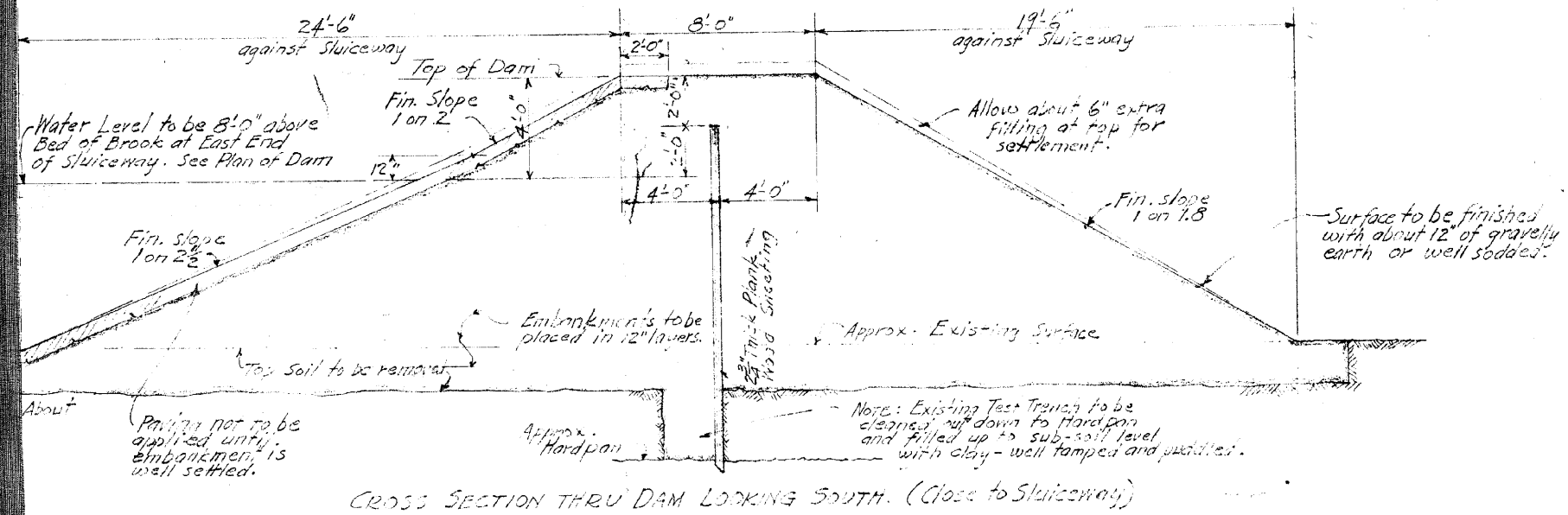
**Revised Layout of Dam for Fairview Sportsmen's Fish & Game  
Association Inc on Willimansett Brook at Pine Tree Acres -  
Chicopee, Mass**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Fairview Sportsmen's Fish &amp;</b>
<b>abutters</b>	<b>Fairview Fish &amp; Game Club</b>
<b>Abutters</b>	<b>Pine Tree Acres</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Dam</b>	<b>Dam on Willimansett Brook at</b>
<b>Dam</b>	<b>Dam for Fairview Sportsmen'</b>
<b>Water</b>	<b>Willimansett Brook</b>







## "Second Revised Plan and Specifications"

### SPECIFICATION

**EXCAVATION** - All top soil (approx. 18" thick) shall be removed over entire area to be covered by dam embankments. All tree stumps and large roots shall be removed and roots over 1½" in diameter shall be cut off at least 2'-0" below surface of sub-soil and holes plugged with tamped clay. Test trench already excavated shall be treated as noted.

**FILLING** - Materials for dam embankments shall be good quality earth of clayey consistency, free from large stones, roots or any other pocket-forming matter. Sandy or gravelly material may be used on down-stream embankment only.

Earth shall be placed in layers not more than 12" thick and each layer thoroughly rolled or tamped while wet. Layers shall be placed at approximately the same level at all times, that is, east and west of sheeting and north and south of sluiceway, so that pressures will be balanced throughout the work.

**CORE** - Material for sheeting core shall be good quality (second hand) Spruce planking of uniform thickness, either planed or rough, tongued and grooved, straight and free from splits and other irregularities.

Planks shall be thoroughly water-soaked before placing and shall be driven solid into hardpan or to approx. hardpan level where bottom is clay. Planks shall be tightly drawn together and tied with heavy wood strapping as required to maintain position. Driving shall start at concrete sluiceway and work toward ends.

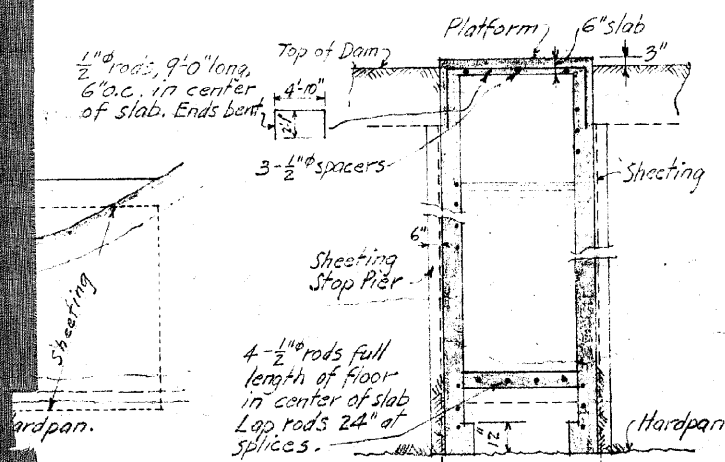
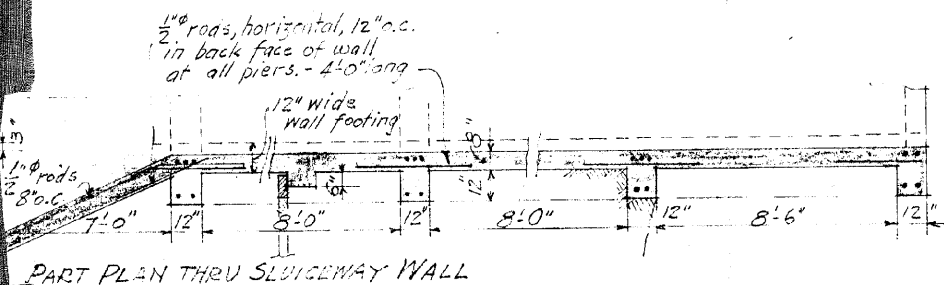
**CONCRETE WORK** - All concrete in sluiceway shall be 1-2-4 mix, using first quality standard Portland cement, clean, sharp sand and hard, dirt-free stone (trap rock) not over 1½" size.

Materials shall be accurately measured, thoroughly mixed, using only enough water to allow mixture to flow when spaded, and carefully placed in forms. All corners, angles, sloping surfaces etc. must be spaded and rammed to insure that all parts of forms are full and free from voids.

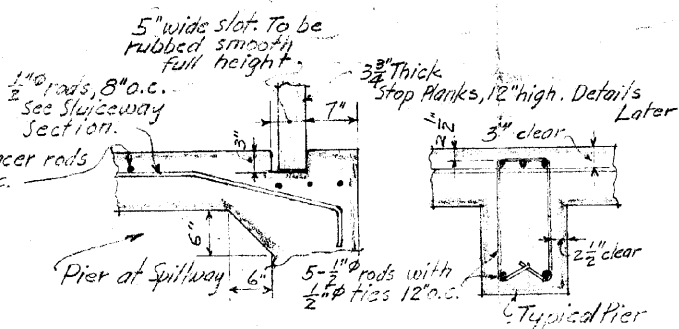
Forms shall be accurately and substantially made and securely braced and must be strong enough to carry the liquid concrete without movement. Joints must be tight enough to hold the liquid mass without appreciable leakage. Debris must be removed from bottom of forms before pouring.

Reinforcing steel shall be intermediate grade deformed bars, accurately cut to length and properly placed in the forms, wired as required to hold securely against movement from weight of liquid concrete.

After forms are removed concrete shall be covered to protect from sun and shall be kept wet for at least one week.



CROSS SECTION THRU SLUICEWAY



DETAIL PLAN OF SLUICEWAY WALL  
Scale: 3/4" = 1'-0"

Commonwealth of Massachusetts

Hampden, ss:

Filed, August 15, 1939

Attest: *Charles M. Colby*  
Clerk

APPROVED - October 18, 1939

*Charles M. Pray*

*Oliver H. Corbett*

*Edward J. Stapleton*

County Commissioners

## REVISED LAYOUT OF DAM FOR FAIRVIEW SPORTSMEN'S FISH & GAME ASS'N INC.

ON WILLIMANSETT BROOK AT PINE TREE ACRES

WILLIMANSETT

MASS.

Scale: 1/4" = 1'-0" or noted

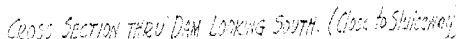
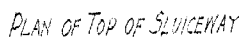
June 1<sup>st</sup> 1938

Revised July 5, 1938

Revision - 8-14-39 -  
Core spec. changed  
from Yellow Pine.

Robert G. Jackson, Engineer  
Cambridge, Mass.





"Second Revised Plan and Specifications"

## SPECIFICATION

EXCAVATION - All top soil (approx. 18" thick) shall be removed over entire area to be covered by dam embankments. All tree stumps and large roots shall be removed and roots over 1 1/2" in diameter shall be cut off at least 2'-0" below surface of sub-soil and holes plugged with tamped clay. Test trench already excavated shall be treated as noted.

FILLING - Materials for dam embankments shall be good quality earth of clayey consistency, free from large stones, roots or any other pocket-forming matter. Sandy or gravelly material may be used on down-stream embankment only.

Earth shall be placed in layers not more than 12" thick and each layer thoroughly rolled or tamped with foot. Layers shall be placed at approximately the same level at all times, that is, east and west of sheeting and north and south of dice way, so that pressures will be balanced throughout the work.

**CORE**— Material for sheathing core shall be good quality, used (second hand) Spruce planking of uniform thickness, either planed or rough, tongued and grooved, straight and free from splits and other irregularities.

Planks shall be thoroughly water-soaked before placing and shall be driven solid into hardpan or to approx. hardpan level where bottom is clay. Planks shall be tightly drawn together and tied with heavy wood strappings as required to maintain position. Driving shall start at concrete sluiceway and work toward ends.

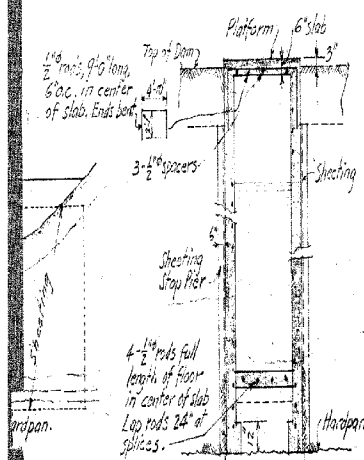
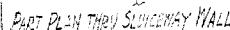
CONCRETE WORK - All concrete in sluiceway shall be 1-2-4 mix, using first quality standard Portland cement; clean, sharp sand and hard, dirt-free stone (trap rock) not over 1 1/2 size.

Materials shall be accurately measured, thoroughly mixed, using only enough water to allow mixture to flow when spaded, and carefully placed in forms. All corners, angles, sloping surfaces etc. must be spaded and rammed to insure that all parts of forms are full and free from voids.

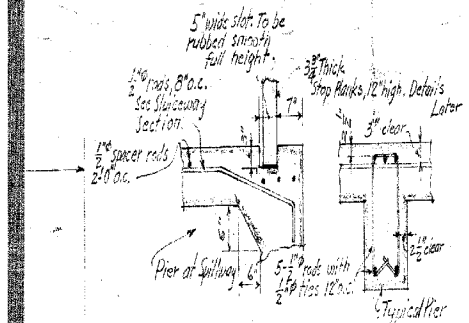
Forms shall be accurately and substantially made and securely braced and must be strong enough to carry the liquid concrete without movement. Joints must be tight enough to hold the liquid mass without appreciable leakage. Debris must be removed from bottom of forms before pouring.

Reinforcing steel shall be intermediate grade deformed bars, accurately cut to length and properly placed in the forms, wired as required to hold securely against movement from weight of liquid concrete.

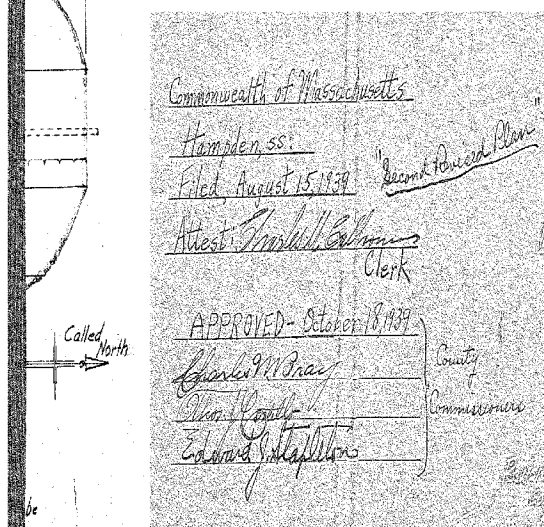
After forms are removed concrete shall be covered to protect from sun and shall be kept wet for at least one week.



CROSS SECTION THRU SLUICeway



DETAIL PLAN OF SLICeway WALL  
Scale:  $\frac{3}{8}'' = 1'-0''$



REVISED LAYOUT OF  
DAM FOR

FAIRVIEW SPORTSMEN'S FISH & GAME ASS'N INC.

ON WILLIMANSETT BROOK AT PINE TREE ACRES

WILLIMANSETT

MASS

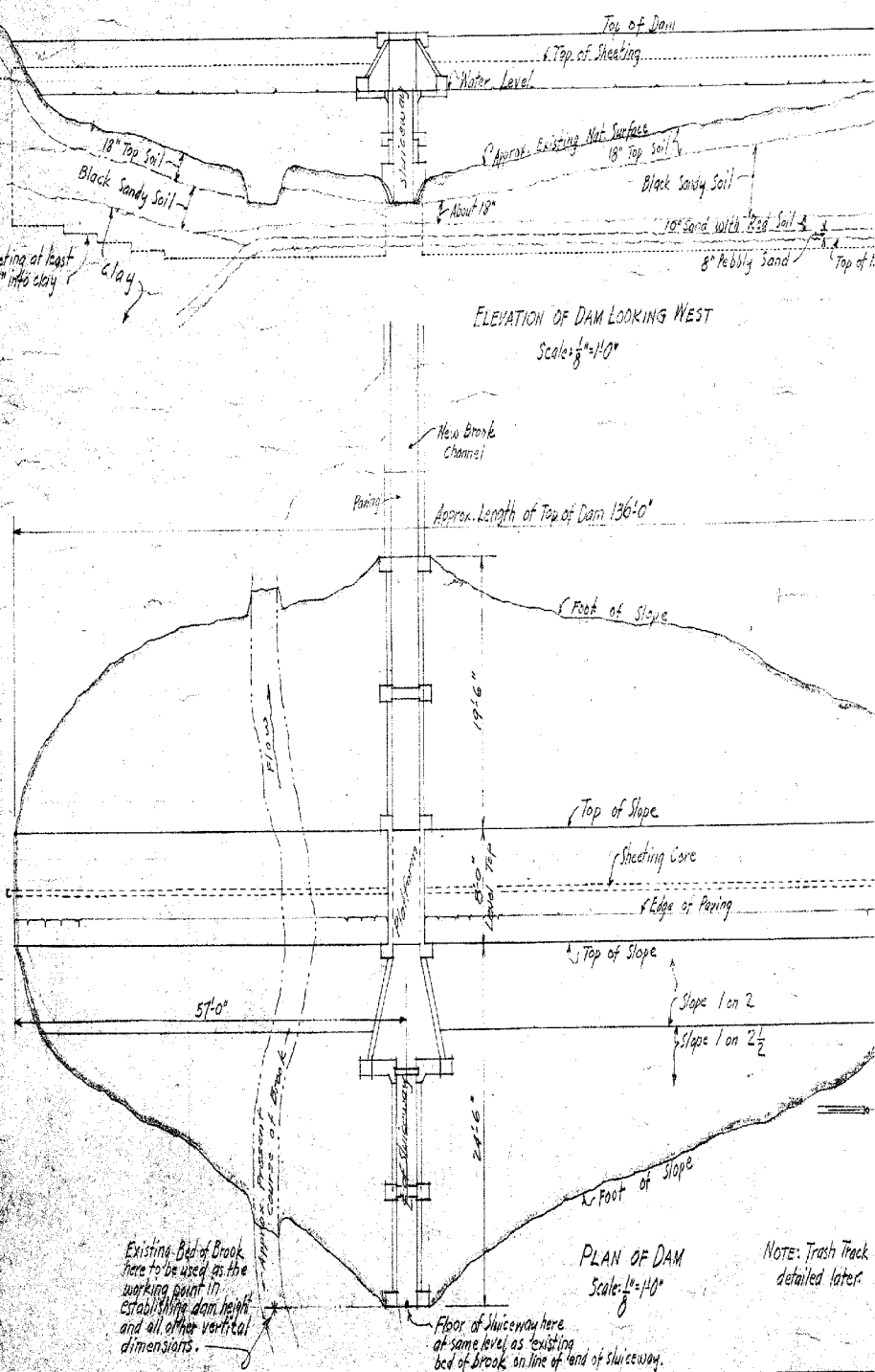
Scale:  $\frac{1}{4}'' = 1'-0''$  or notes

June 12 1938

Revised July 5, 195

Revision - 8-14-39 -  
Core spec. changed  
from Yellow Pine

Robert G. Jackson, Engineer  
Cambridge, Mass.



**Plan Original Book and Page:**     **ch11038**

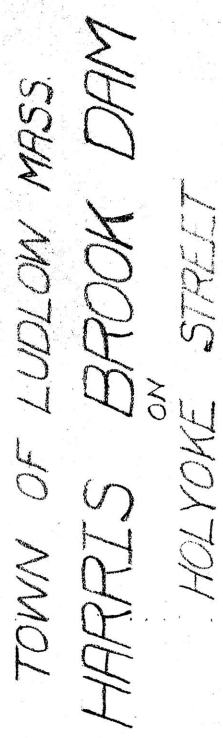
**Name of specific Plan:**

**Harris Brook Dam on Holyoke Street**

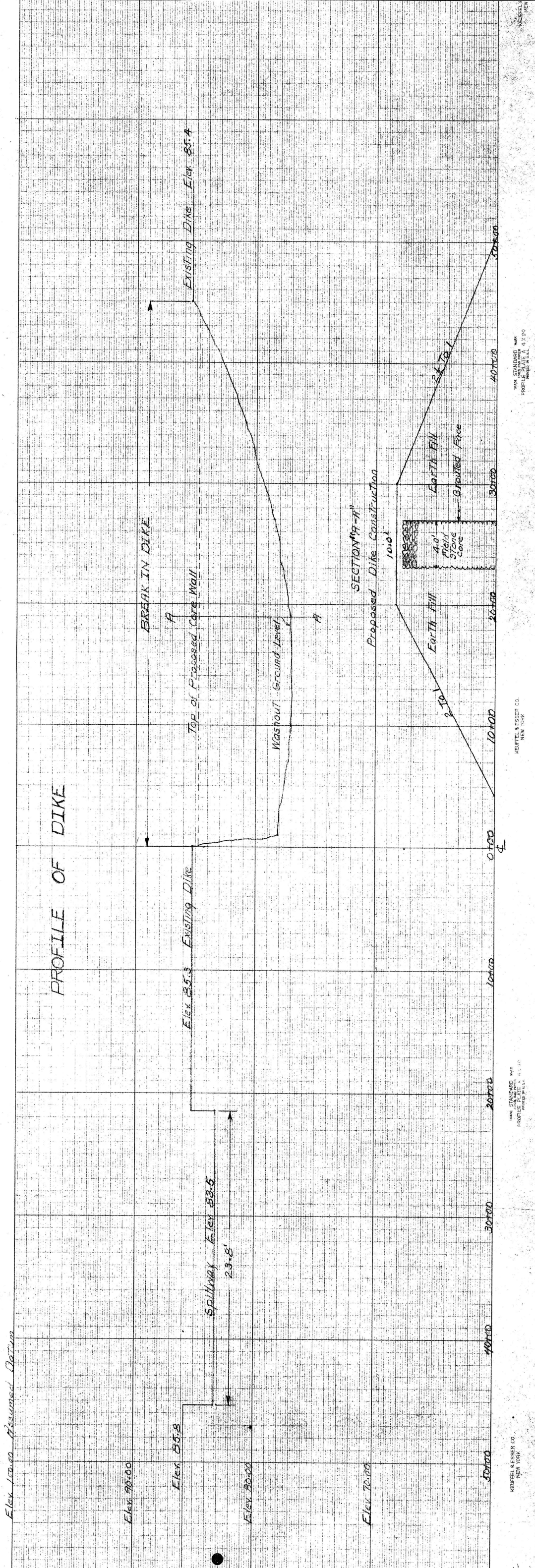


<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Ludlow</b>
<b>Dam</b>	<b>Harris Brook Dam</b>
<b>Streets</b>	<b>Holyoke Street</b>
<b>Water</b>	<b>Harris Brook</b>
<b>Water</b>	<b>Harris Pond</b>





Scale 1 in = 40'



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***Description of Plan Group:***

**Springfield Road - east of North Branch of Mill River**

---

***Date of Plan:*** 1940

***Date Plan Approved:*** 1940

***Highway Book #:*** 11

***Highway Page #:*** 039

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 120

***Public Notes:***





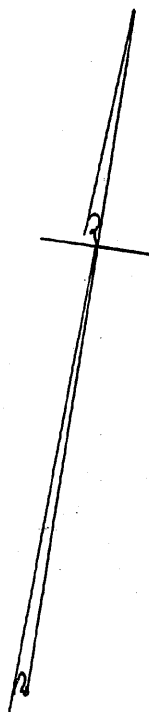
**Plan Original Book and Page:     ch11039**

**Name of specific Plan:**

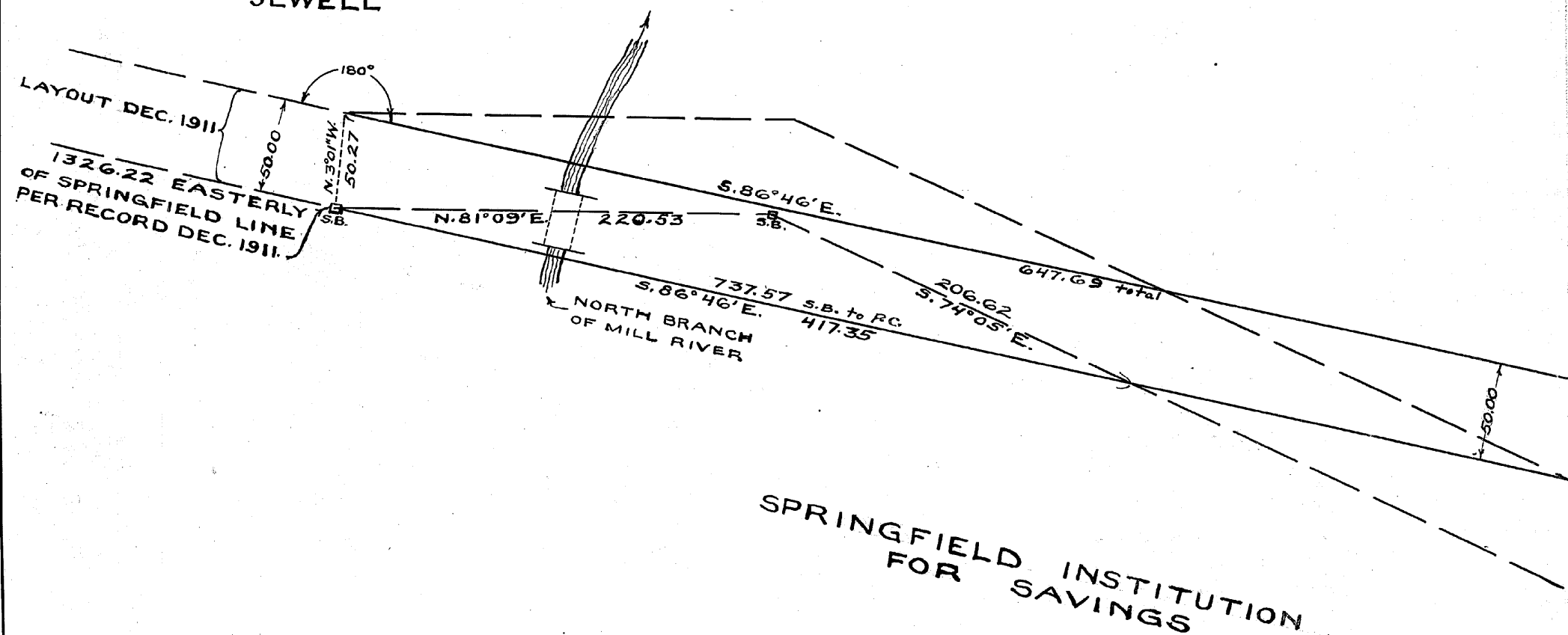
**Springfield Road - east of North Branch of Mill River**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Springfield Institution for Sav</b>
<b>Abutters</b>	<b>Bombardier</b>
<b>City/Town</b>	<b>Wilbraham</b>
<b>Person</b>	<b>Jewell</b>
<b>Person</b>	<b>Coon</b>
<b>Streets</b>	<b>Springfield Road</b>
<b>Water</b>	<b>Mill River (north branch)</b>



JEWELL





39

39

# SPRINGFIELD ROAD WILBRAHAM, MASS.

A SECTION NEAR NORTH BRANCH OF  
MILL RIVER RELOCATED FOR THE  
COUNTY COMMISSIONERS.

SCALE 1 IN. = 60 FT.

AUG. 1939

MERRILL & SEARS CIVIL ENGINEERS  
SPRINGFIELD, MASS.

Commonwealth of Massachusetts

Hampden, ss:

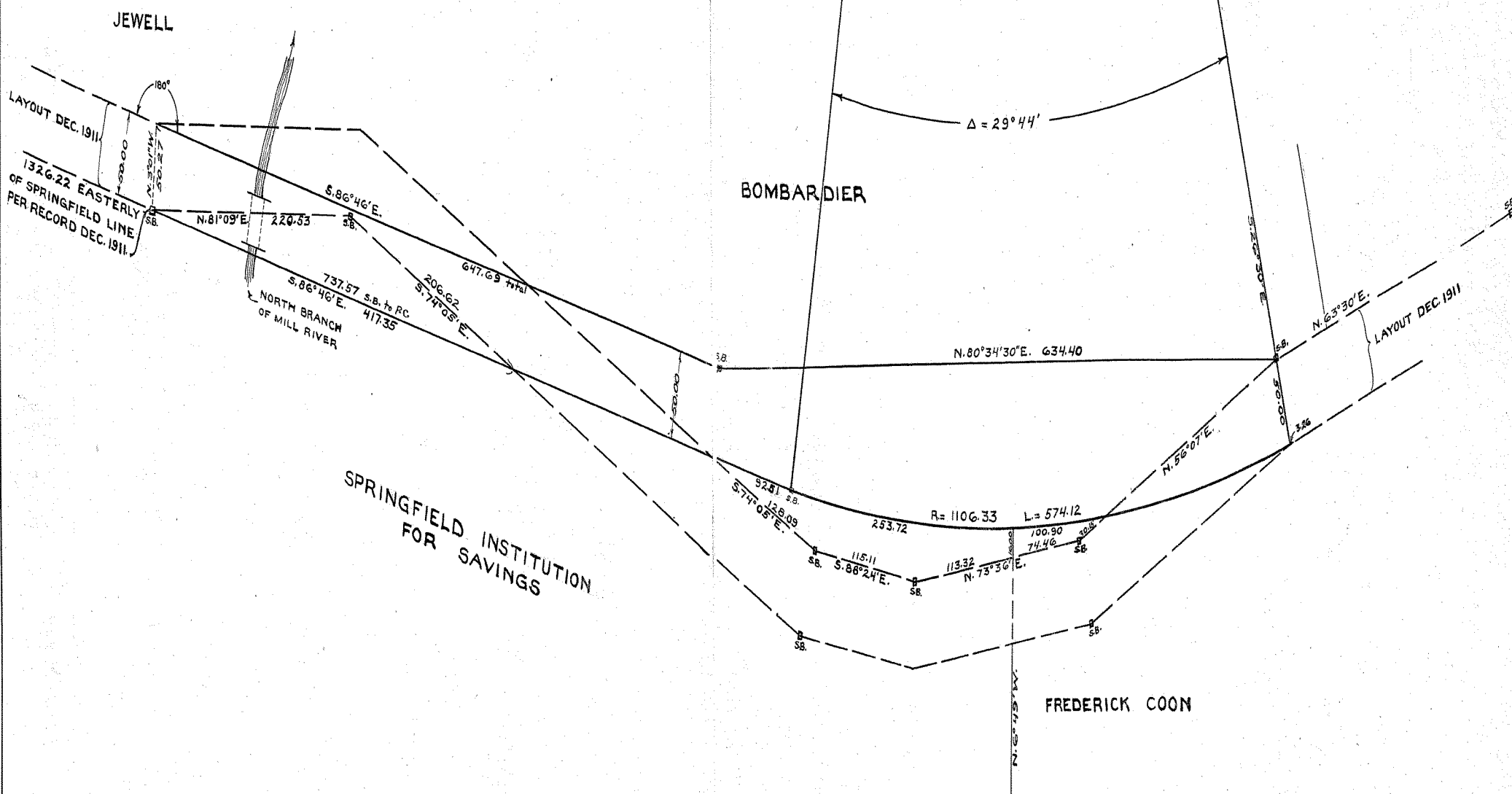
May 22, 1940.

On the petition of the Selectmen of the Town of Wilbraham  
for relocation and alterations etc. on Springfield Road.  
This plan is filed with the relocation report and  
made a part thereof.

Charles W. Bray }  
John J. Costello } County  
Edward J. Stapleton } Commissioners

See County Commissioners' Record. Book #23 Page 120

See County  
Commissioners  
Book 23 Page 120





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***Description of Plan Group:***

New Ludlow Road, Ludlow Road to South Hadley

---

<b><i>Date of Plan:</i></b>	<b>1940</b>
<b><i>Date Plan Approved:</i></b>	<b>1940</b>
<b><i>Highway Book #:</i></b>	<b>ch11</b>
<b><i>Highway Page #:</i></b>	<b>040</b>
<b><i>Commissioners Reference Book #:</i></b>	<b>23</b>
<b><i>Commissioners Reference Page #:</i></b>	<b>123</b>
<b><i>Public Notes:</i></b>	



**Plan Original Book and Page: ch11040**

**Name of specific Plan:**

**New Ludlow Road, Ludlow Road to South Hadley**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Chicopee, City of</b>
<b>Abutters</b>	<b>South Hadley Falls - Water C</b>
<b>Abutters</b>	<b>Roman Catholic Bishop of Spr</b>
<b>Abutters</b>	<b>South Hadley-Chicopee town l</b>
<b>Abutters</b>	<b>Mt Holyoke College</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Berneche, Rose</b>
<b>Person</b>	<b>Cotten, Michael</b>
<b>Streets</b>	<b>Crosby Street</b>
<b>Streets</b>	<b>Winthrop Street</b>
<b>Streets</b>	<b>Lombard Street</b>
<b>Streets</b>	<b>Ludlow Road</b>
<b>Streets</b>	<b>New Ludlow Road</b>
<b>Streets</b>	<b>Julian Street</b>

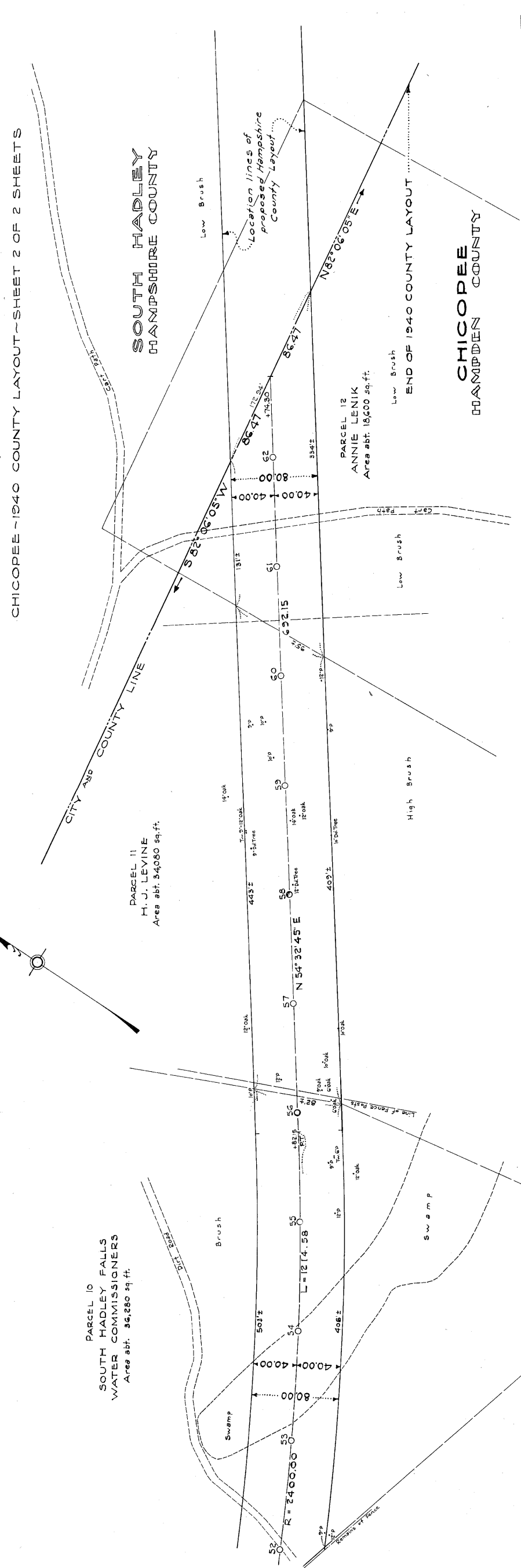
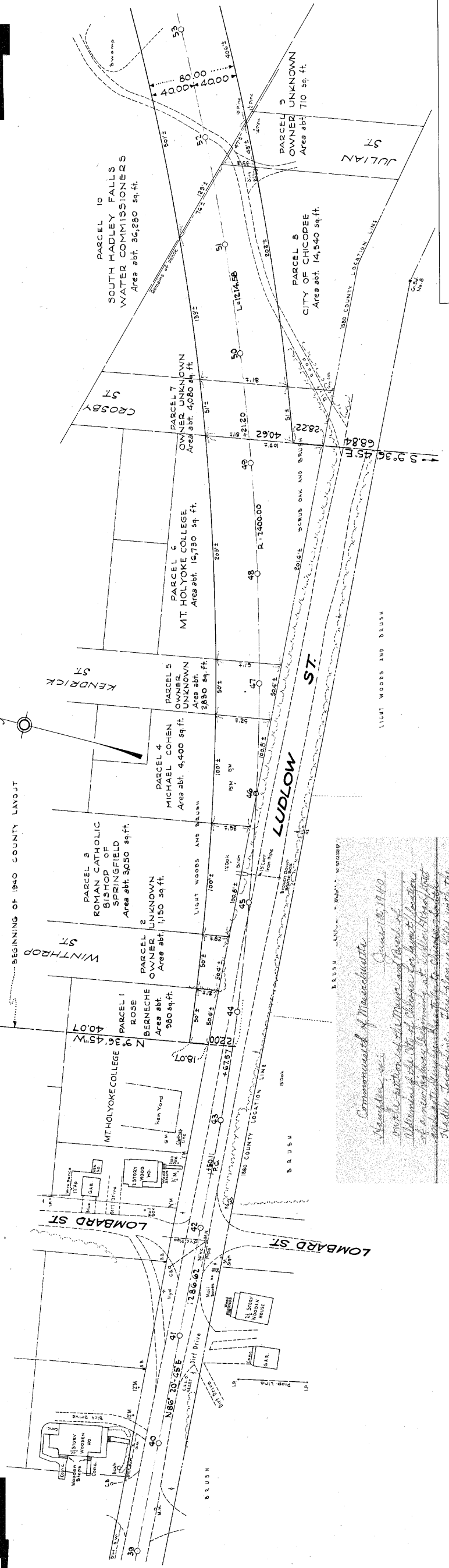
**Plan Original Book and Page:     ch11041**

**Name of specific Plan:**

**Plan of Road in City of Chicopee, Mass**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>South Hadley-Chicopee town l</b>
<b>Abutters</b>	<b>South Hadley Falls - Water C</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Lenik, Annie</b>
<b>Person</b>	<b>Levine, HJ</b>





**Plan Original Book and Page: ch11042**

**Name of specific Plan:**

**Granby Road (westerly) of Montgomery Street to Westover Air Force Base**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Chicopee, City of</b>
<b>Abutters</b>	<b>Westover Air Force Base</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Kulig, Stanley</b>
<b>Person</b>	<b>Lauzier, Eugene</b>
<b>Person</b>	<b>Lauzier, Jeanette</b>
<b>Person</b>	<b>Kulig, Helen</b>
<b>Person</b>	<b>Fortier</b>
<b>Person</b>	<b>Ruell, James J</b>
<b>Person</b>	<b>Lynch</b>
<b>Person</b>	<b>Fitzgerald</b>
<b>Person</b>	<b>Lauzier, Olivia</b>
<b>Streets</b>	<b>Granby Road</b>
<b>Streets</b>	<b>Montgomery Street</b>

**Plan Original Book and Page:     ch11043**

**Name of specific Plan:**

**Plan of Road in City of Chicopee, Mass**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Fitzgerald</b>
<b>Person</b>	<b>Lauzier, Olivia</b>
<b>Person</b>	<b>Barden</b>
<b>Person</b>	<b>Ovelette, Harmidas</b>
<b>Person</b>	<b>Hewins, RA</b>
<b>Railroads</b>	<b>Boston &amp; Maine Railroad</b>
<b>Streets</b>	<b>Granby Road</b>

Commonwealth of Massachusetts

Hampden, ss:

June 19, 1940

in the petition of the Mayor and Board of Aldermen  
of the City of Chicopee for relocation and alteration  
of Granby Road beginning at sta. 120± which is about  
700 ft. from Montgomery St., easterly for 6500 ft. more  
or less to sta. 185± at the Industrial Gate of Westover  
Field. This plan is filed with the relocation report  
and made a part thereof.

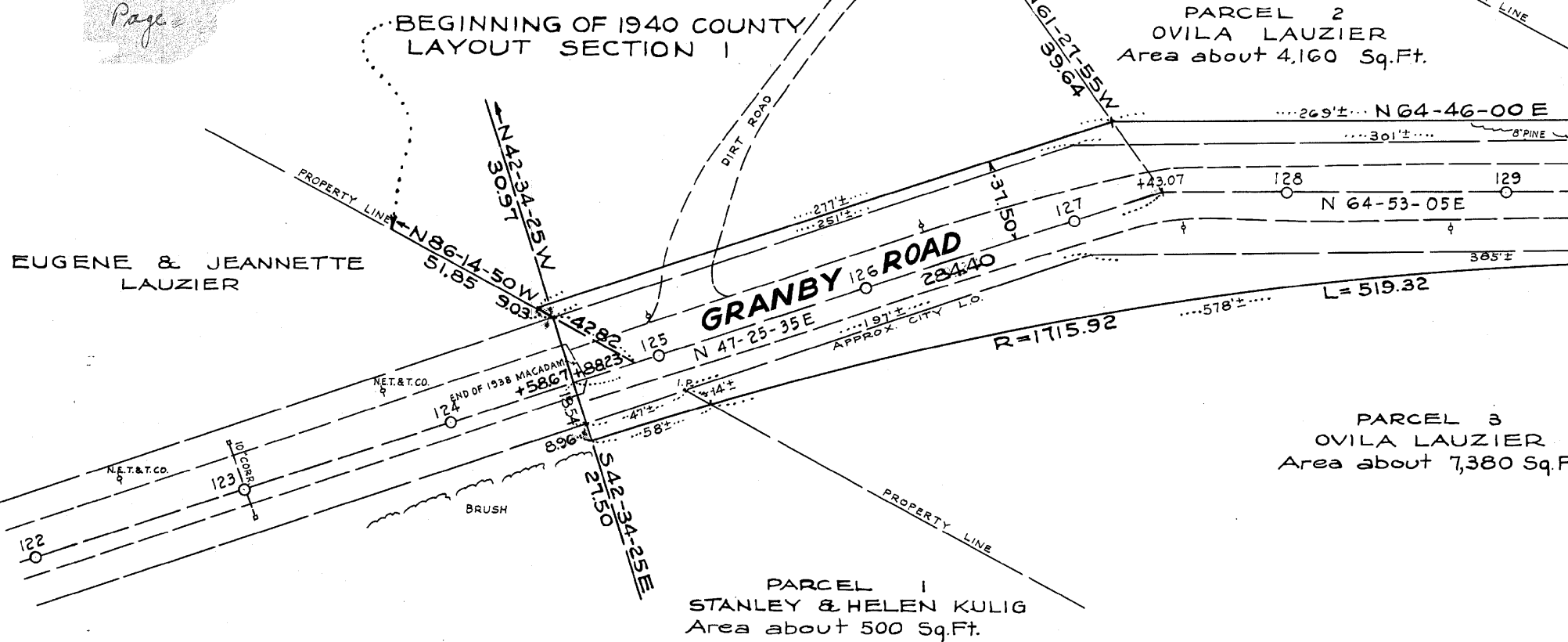
Edward J. Stapleton

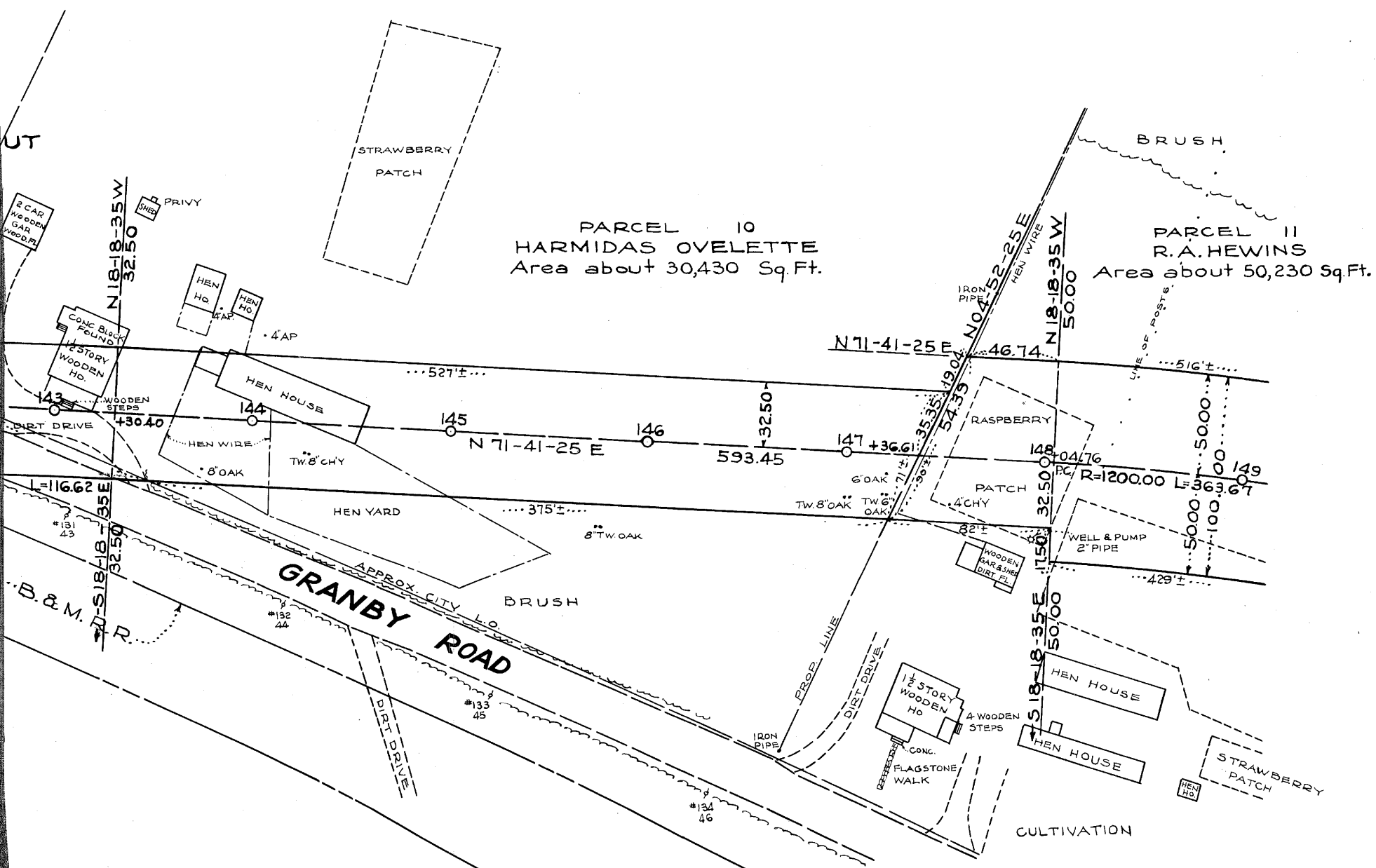
John J. Gifford

John A. Mayfield

County  
Commissioners

See County Commissioners' Record.

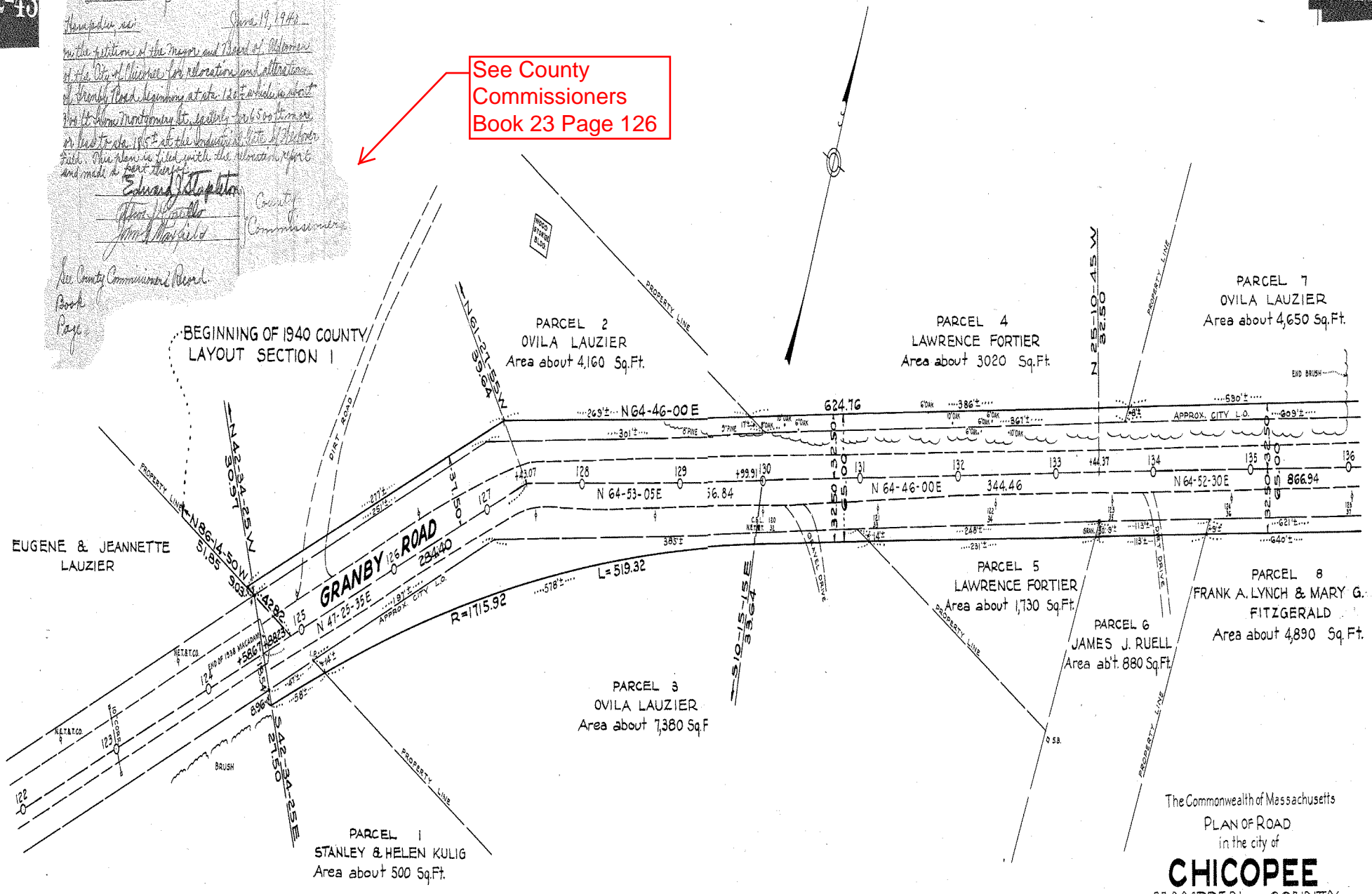
Book  
PageSee County Commissioners  
Book 23 Page 126





Commonwealth of Massachusetts  
Hampden Co.  
June 19, 1940  
In the petition of the Mayor and Board of Aldermen  
of the City of Chicopee for relocation and alteration  
of Granby Road beginning at the 120th station about  
100 ft. from the highway to, and to be 60 feet wide  
or less to the 185th station at the intersection of the  
road. The plan is filed with the Aldermen, Mayor  
and made a part thereof.  
Edward J. Stapleton  
Mayor  
John J. Mayfield  
Aldermen  
County Commissioners  
See County Commissioners Record  
Book Page

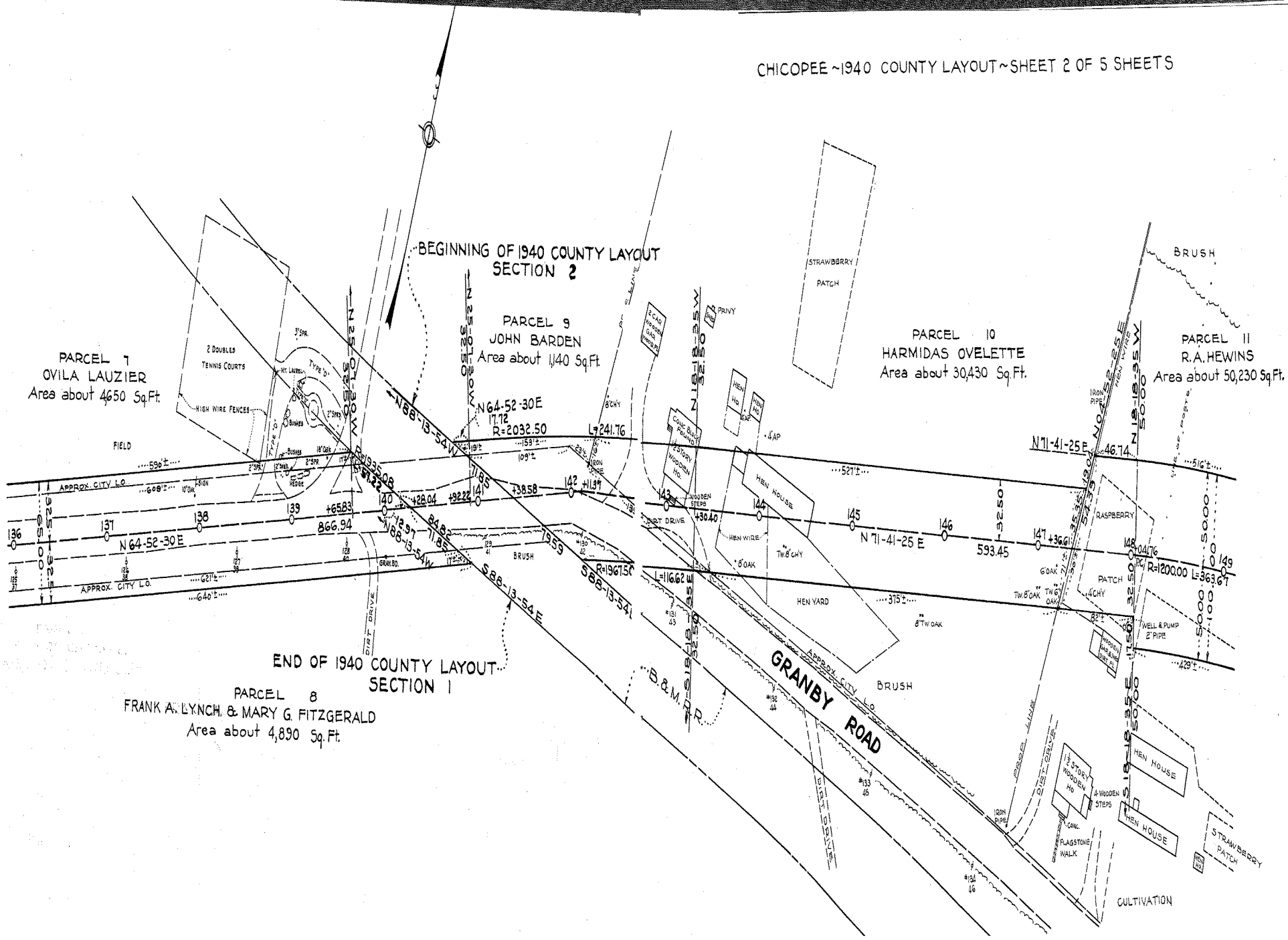
See County  
Commissioners  
Book 23 Page 126



The Commonwealth of Massachusetts  
PLAN OF ROAD  
in the city of  
**CHICOPEE**  
HAMPDEN COUNTY  
Laid out by the  
**COUNTY COMMISSIONERS**  
Scale: 40 feet to the inch

County Commissioners  
Record Book 23  
Page 126

CHICOPEE ~1940 COUNTY LAYOUT~SHEET 2 OF 5 SHEETS



**Plan Original Book and Page:     ch11044**

**Name of specific Plan:**

**Plan of Road in City of Chicopee, Mass**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Turner Falls Power &amp; Electric</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Hewins, RA</b>
<b>Person</b>	<b>Piqette, H</b>
<b>Person</b>	<b>Boisvert, N</b>

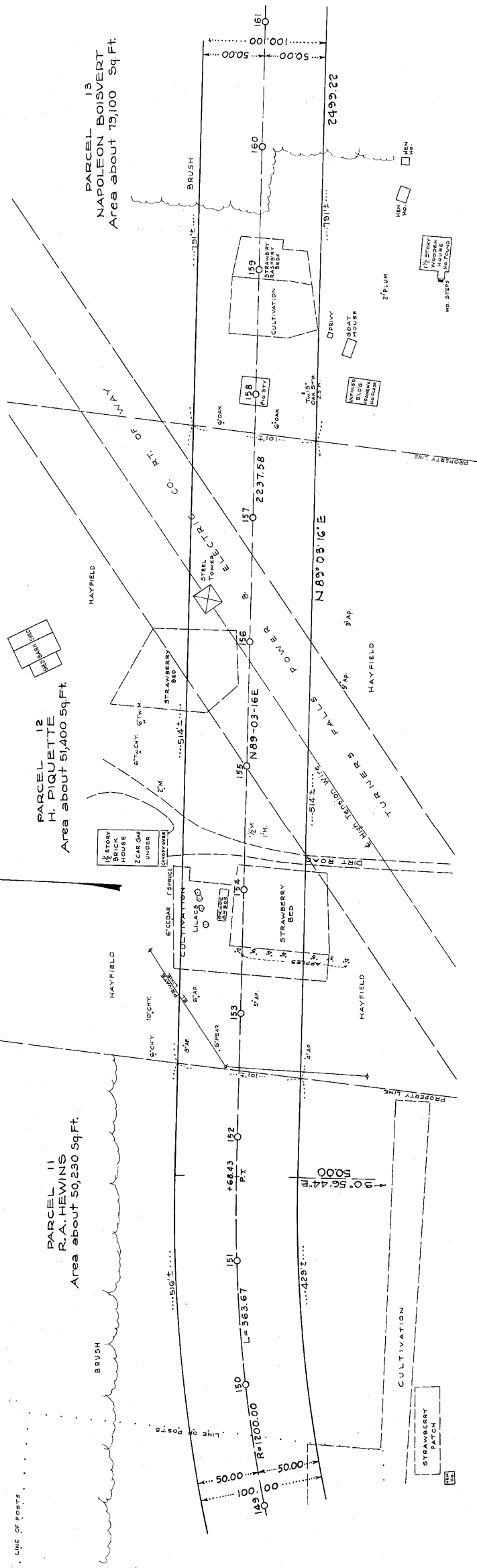
**Plan Original Book and Page:     ch11045**

**Name of specific Plan:**

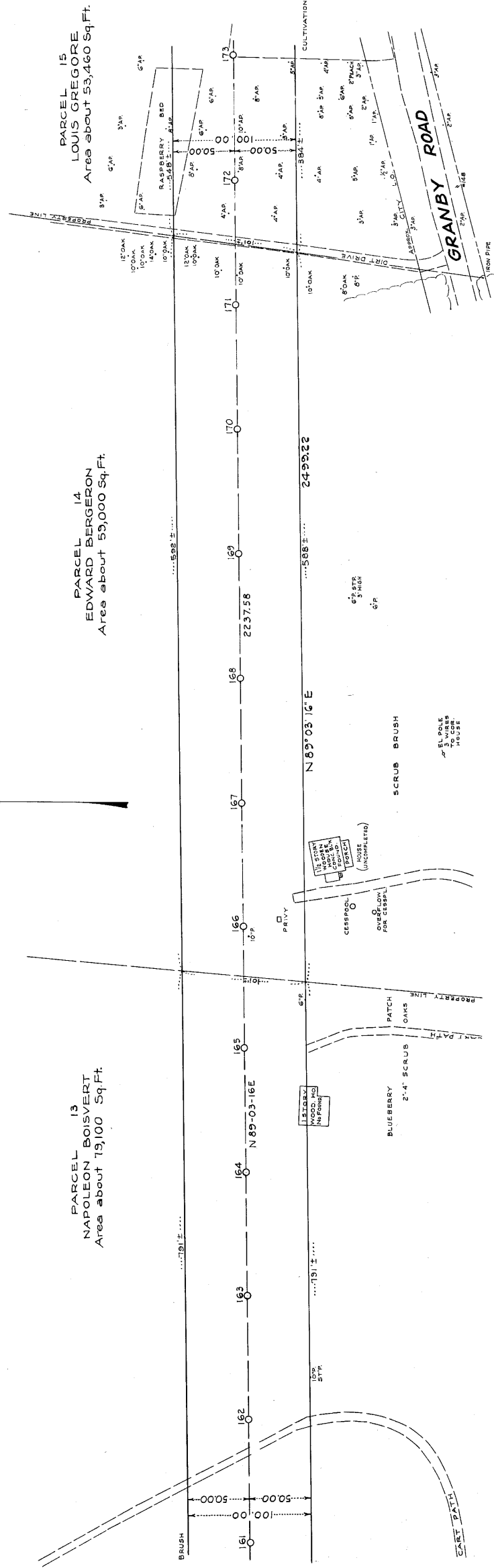
**Plan of Road in City of Chicopee, Mass**



<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Gregore, Louis</b>
<b>Person</b>	<b>Boisvert, N</b>
<b>Person</b>	<b>Bergeron, Edward</b>
<b>Streets</b>	<b>Granby Road</b>



CHICOPEE ~1940 COUNTY LAYOUT ~SHEET 4 OF 5 SHEETS





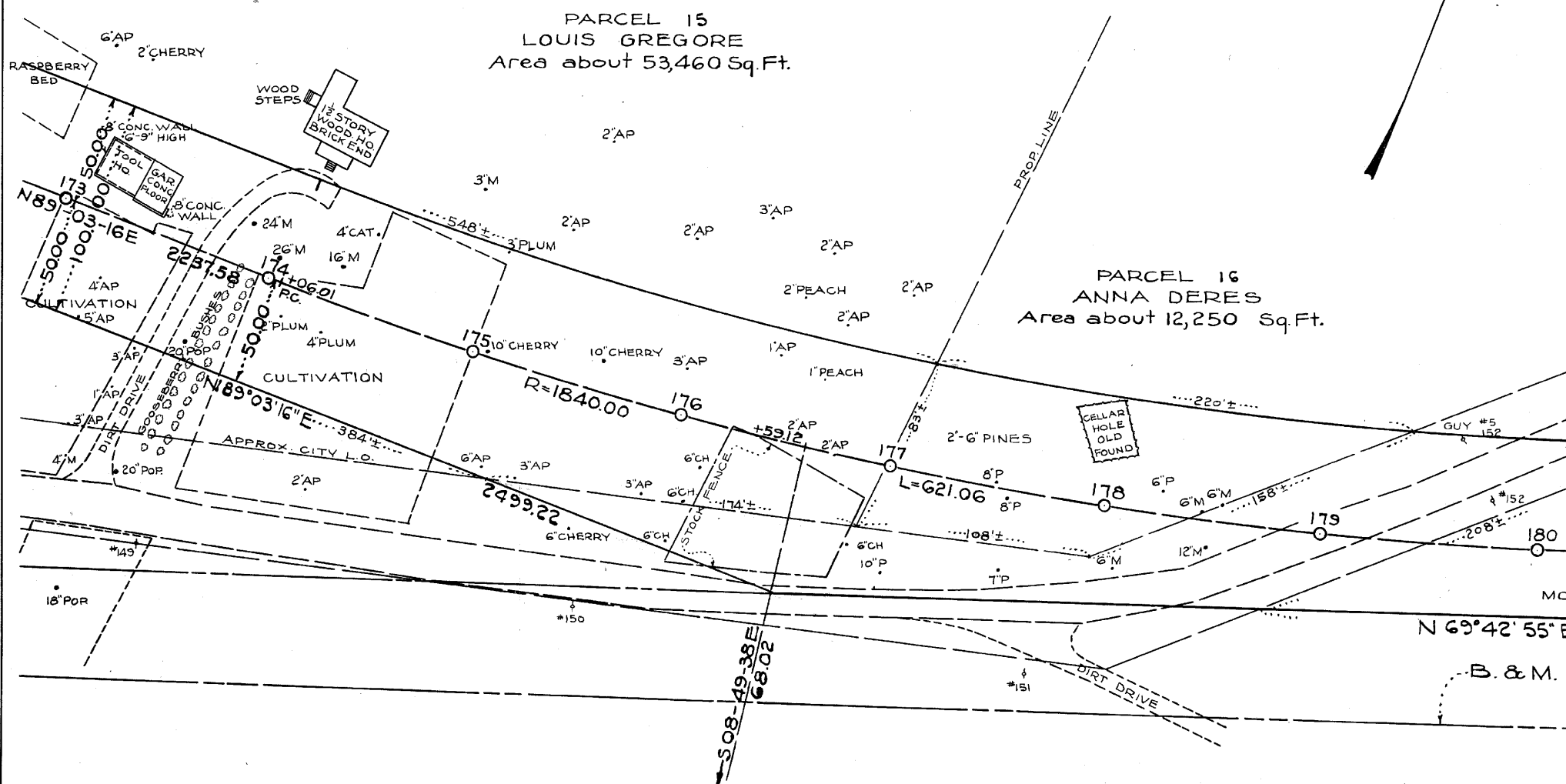
**Plan Original Book and Page:     ch11046**

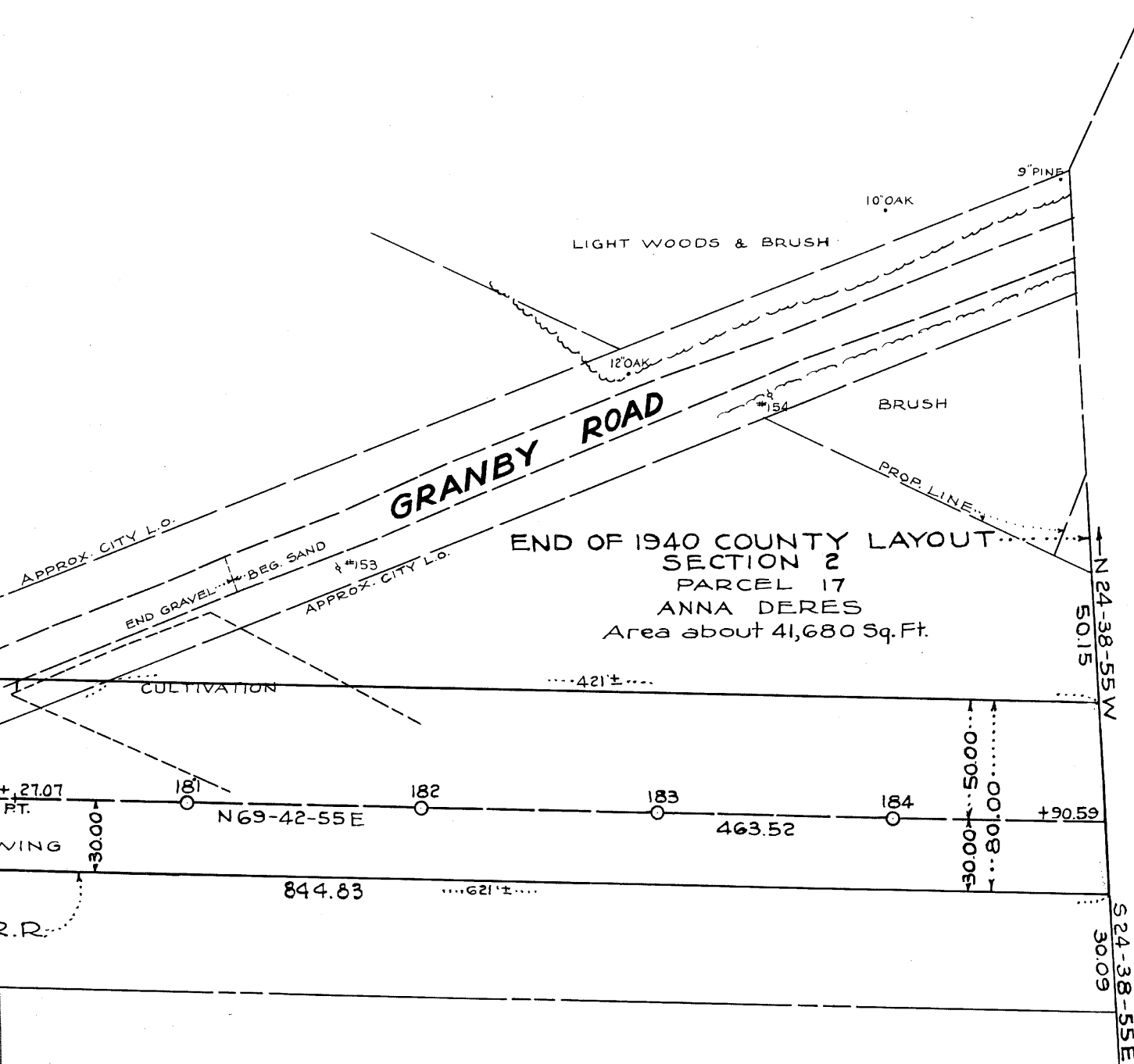
**Name of specific Plan:**

**Plan of Road in City of Chicopee, Mass**

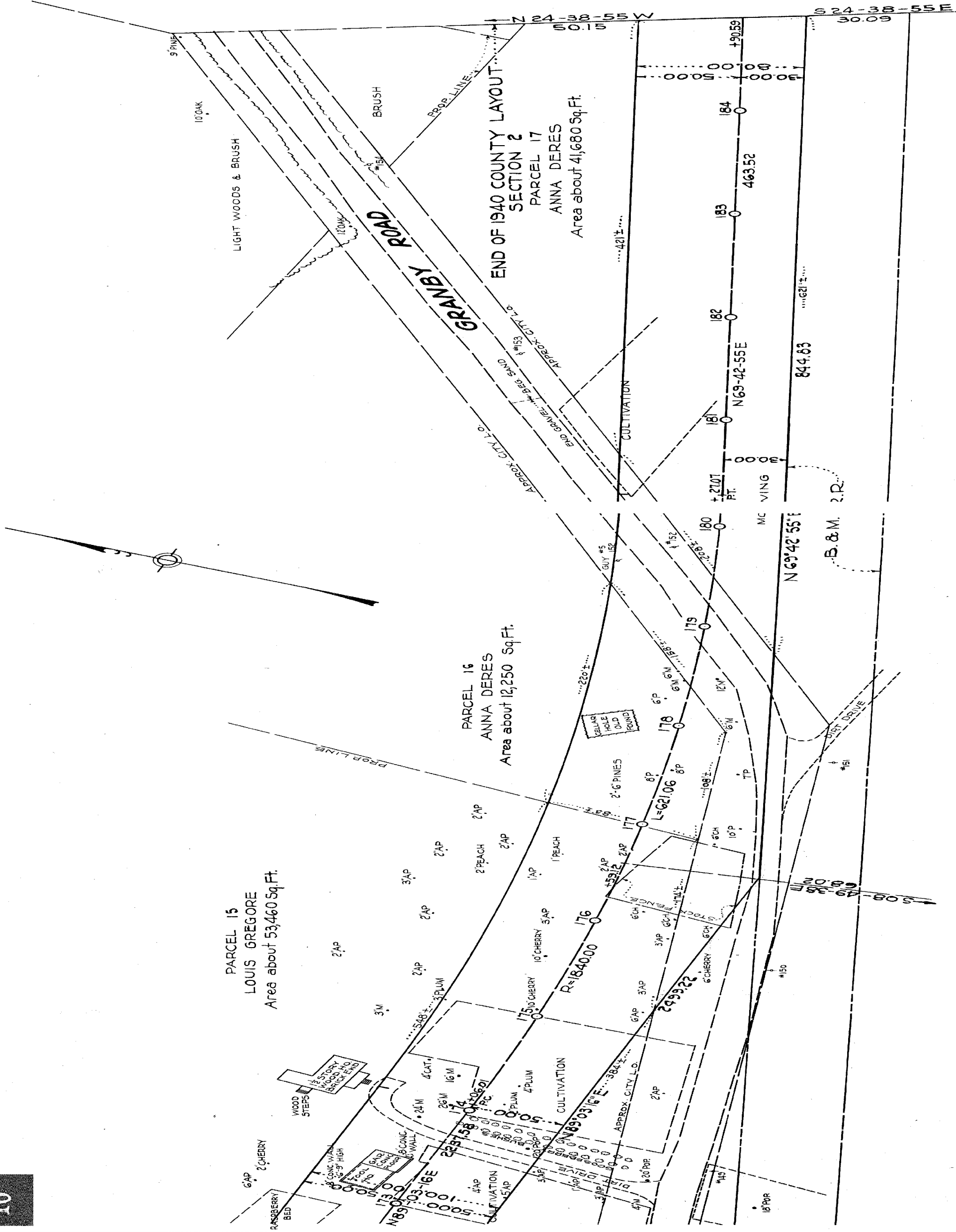


<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>United States Government -</b>
<b>Abutters</b>	<b>Chicopee, City of</b>
<b>City/Town</b>	<b>Chicopee</b>
<b>Person</b>	<b>Deres, Anna</b>
<b>Person</b>	<b>Gregore, Louis</b>
<b>Streets</b>	<b>Granby Road</b>





UNITED STATES GOVERNMENT  
WESTOVER FIELD  
NORTH EAST AIR BASE





---

***Description of Plan Group:***

**Bondsville Road crossing Boston & Albany Railroad tracks**

---

***Date of Plan:*** 1940

***Date Plan Approved:*** 1940

***Highway Book #:*** ch11

***Highway Page #:*** 047

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 132

***Public Notes:***



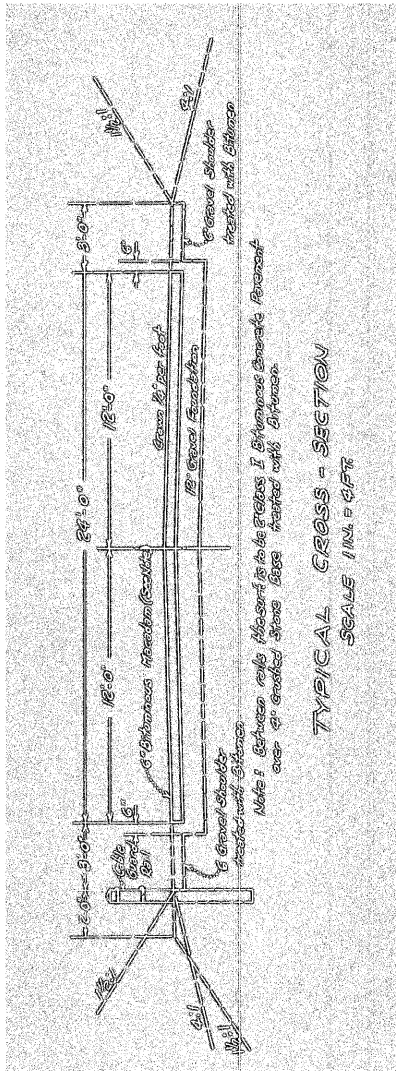
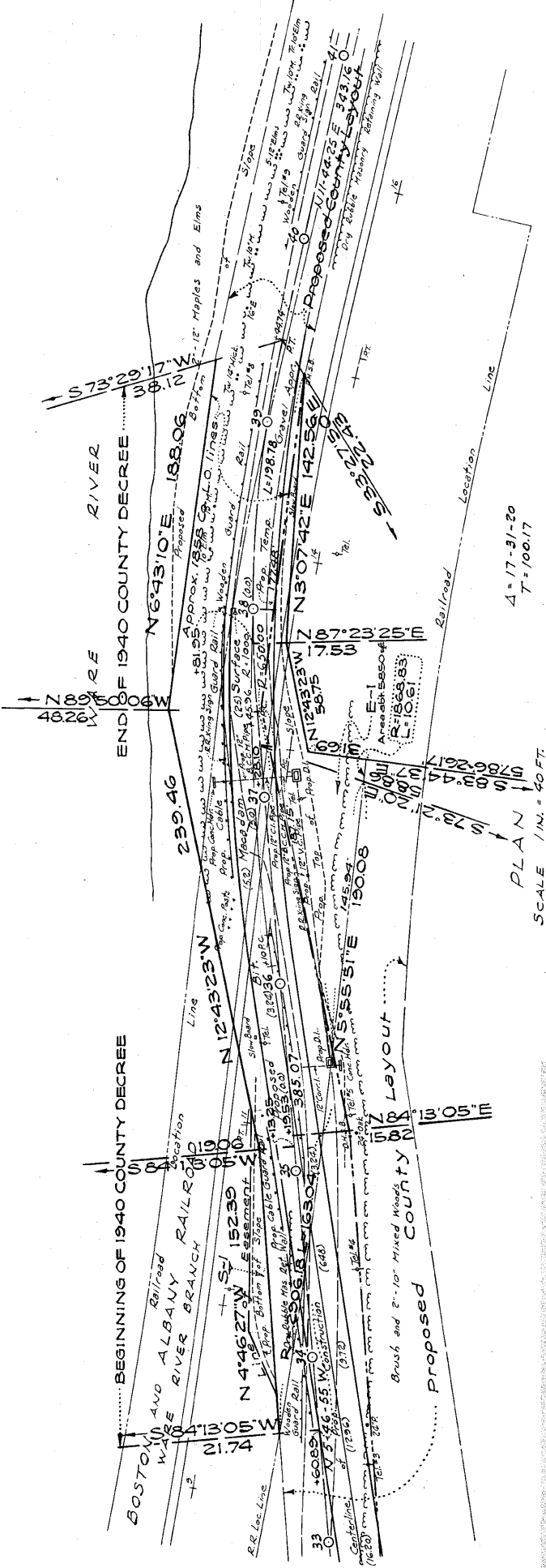
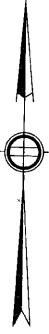
**Plan Original Book and Page:     ch11047**

**Name of specific Plan:**

**Bondsville Road crossing Boston & Albany Railroad tracks**



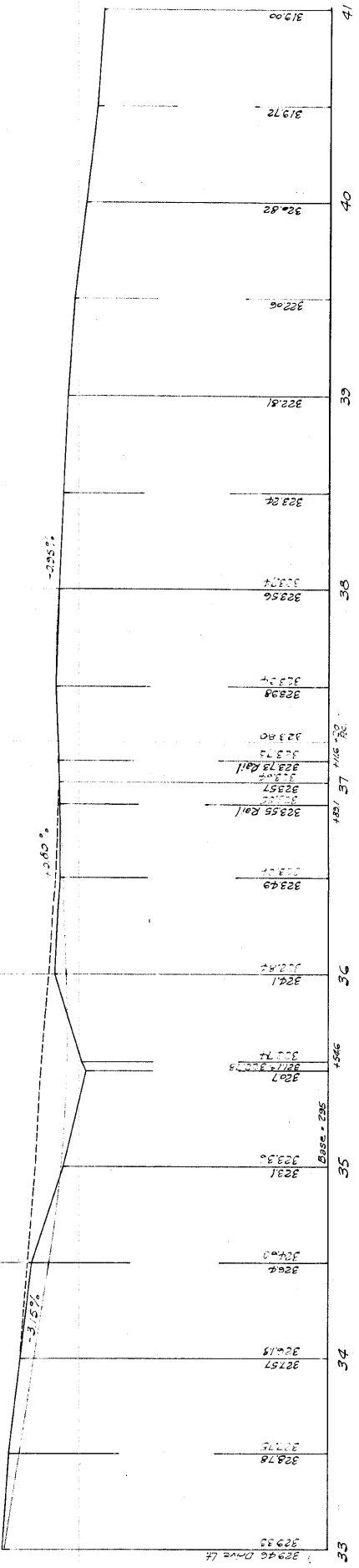
<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Railroads</b>	<b>Boston &amp; Albany Railroad</b>
<b>Streets</b>	<b>Bondsville Road</b>
<b>Water</b>	<b>Ware River</b>



THE COMMONWEALTH OF MASSACHUSETTS  
PALMER  
HAMPDEN COUNTY  
ON BONDVILLE RD. - STA. 36+70  
AT THE  
WARE RIVER BRANCH  
BOSTON AND ALBANY RAILROAD  
NOV. 1939  
DEPARTMENT OF PUBLIC WORKS  
100 NASHUA ST. - BOSTON, MASS.  
Scales as noted

S.M. & S.P. BASE OF S.M. - STA. 31+05 - 45+75 - 51+05  
U.S.C. and G.S. MEAN SEA LEVEL

PROFILE  
HOR. 1 IN. = 40 FT.  
VER. 1 IN. = 5 FT.



Commonwealth of Massachusetts  
In the petition of the Shetland of the Town  
of Palmer for alteration in existing Bondville  
Road crossing tracks of Boston & Albany Railroad  
Ware River Branch, at grade, which decision  
upon the petition of a meeting of grade etc.  
this plan is filed with the public service  
and made a part of the  
part of the  
County Commissioners  
Hampden County  
See County Commissioners' Report  
Book Page

See County  
Commissioners  
Book 23 Page 132

**Plan Original Book and Page:     ch11048**

**Name of specific Plan:**

**Bondsville Road - Greenwood Street (northerly)**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Palmer, Town of</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Person</b>	<b>Fogarty</b>
<b>Railroads</b>	<b>Boston &amp; Albany Railroad (W</b>
<b>Streets</b>	<b>Auberg Street</b>
<b>Streets</b>	<b>Three Rivers Road</b>
<b>Streets</b>	<b>Mt Dumpling Road</b>
<b>Streets</b>	<b>Fletcher Street</b>
<b>Streets</b>	<b>Greenwood Street</b>
<b>Streets</b>	<b>Prescott Street</b>
<b>Streets</b>	<b>Bondsville Road</b>



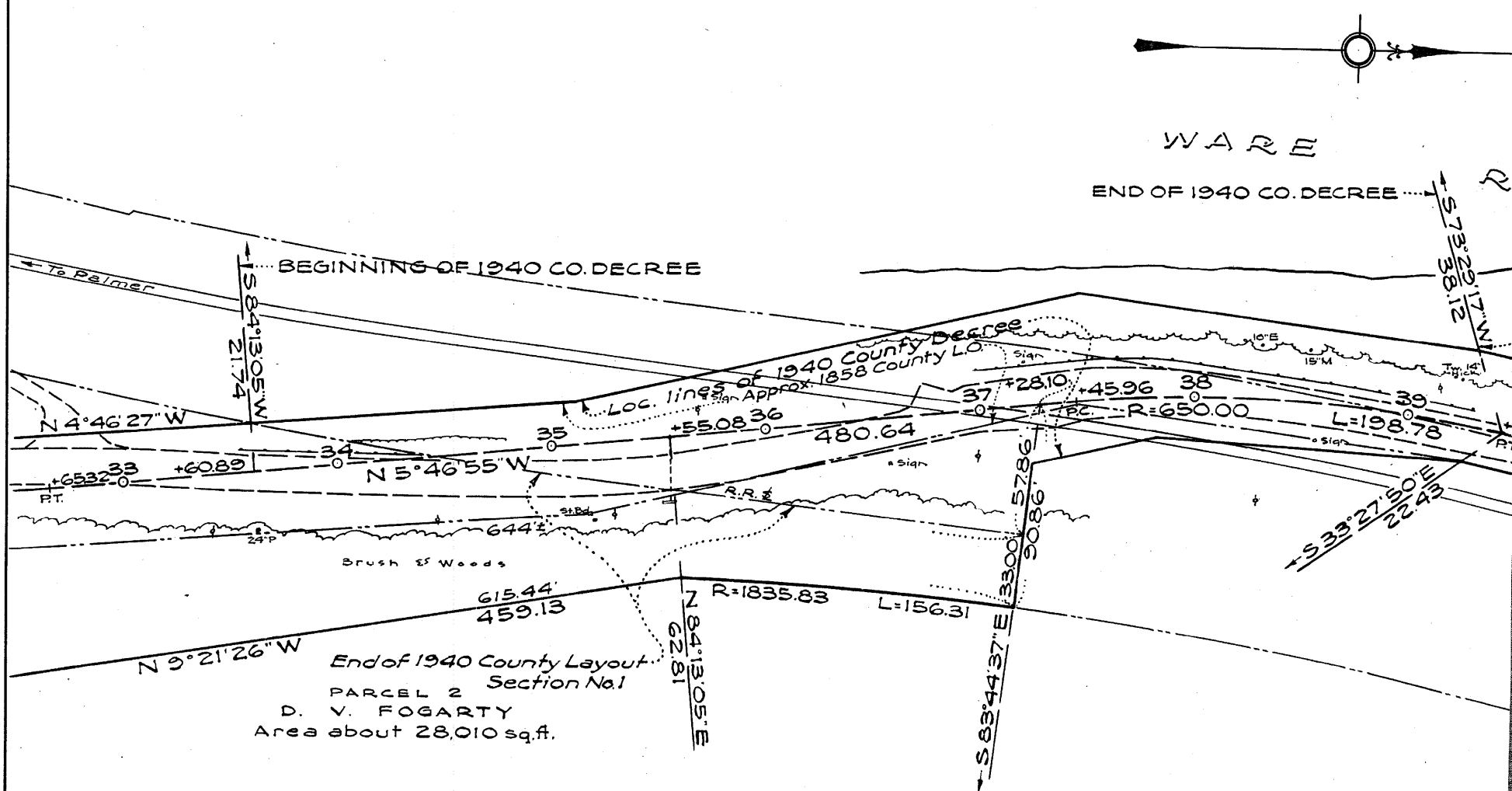
**Plan Original Book and Page:     ch11049**

**Name of specific Plan:**

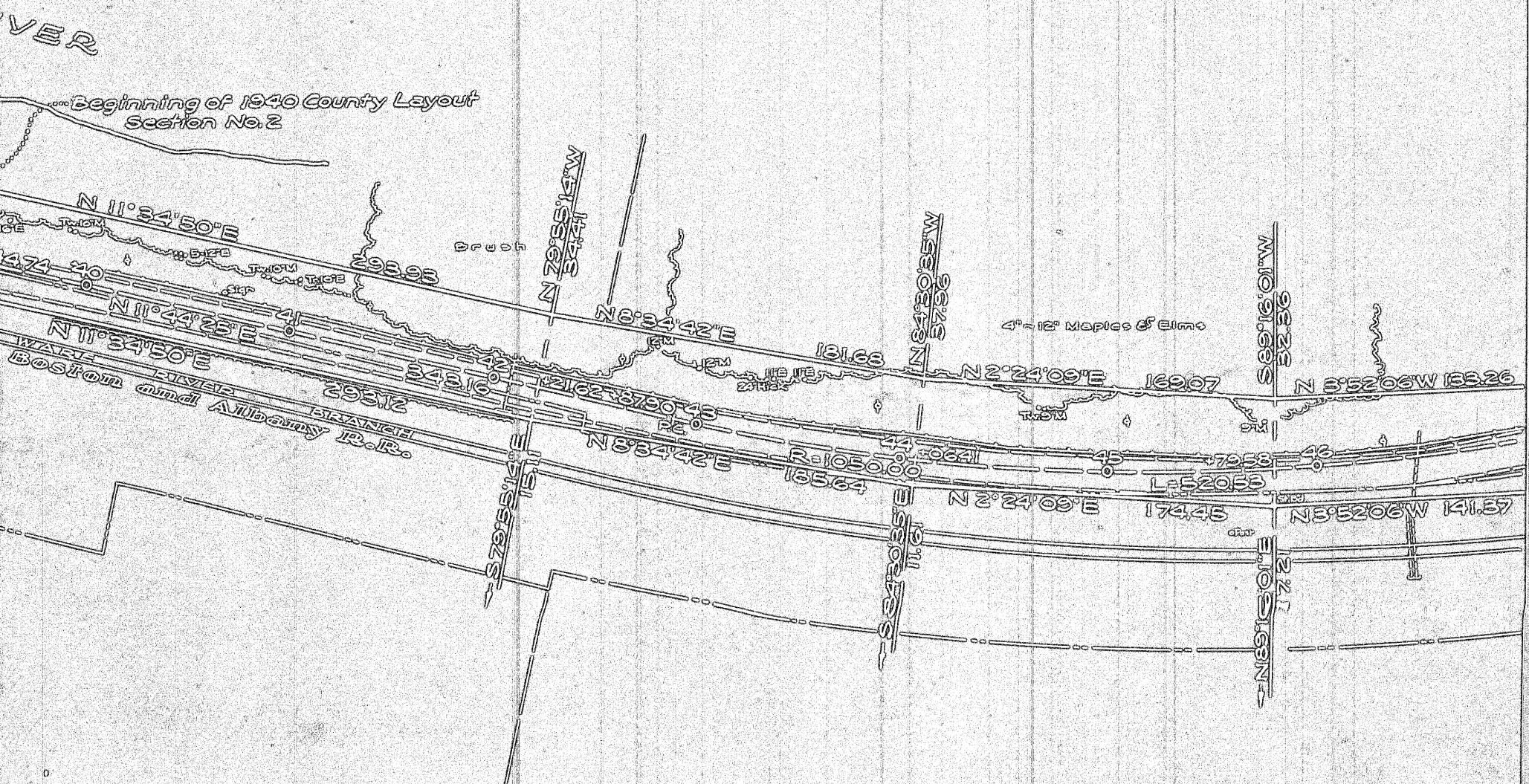
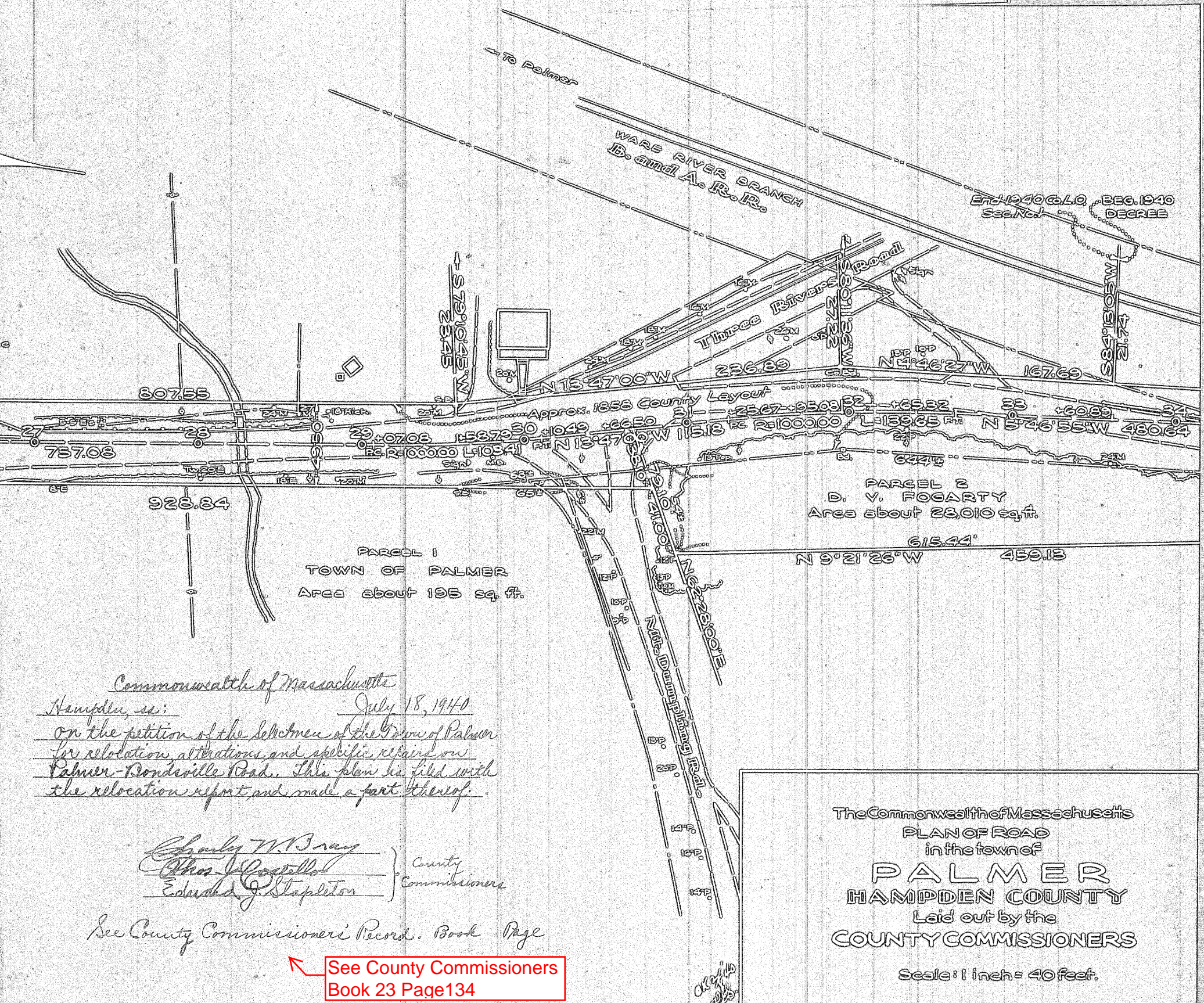
**Plan of Road in Palmer, Mass**



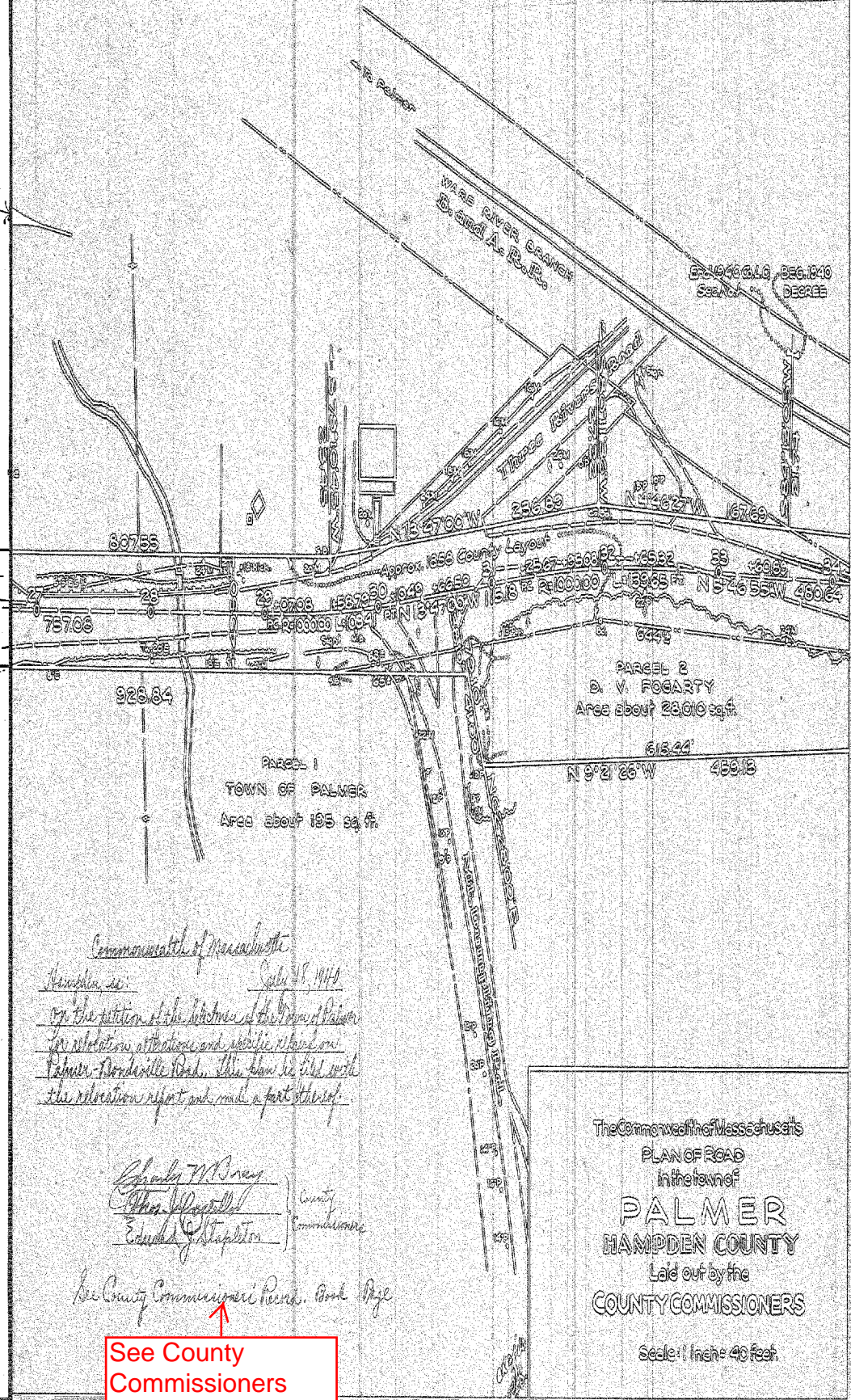
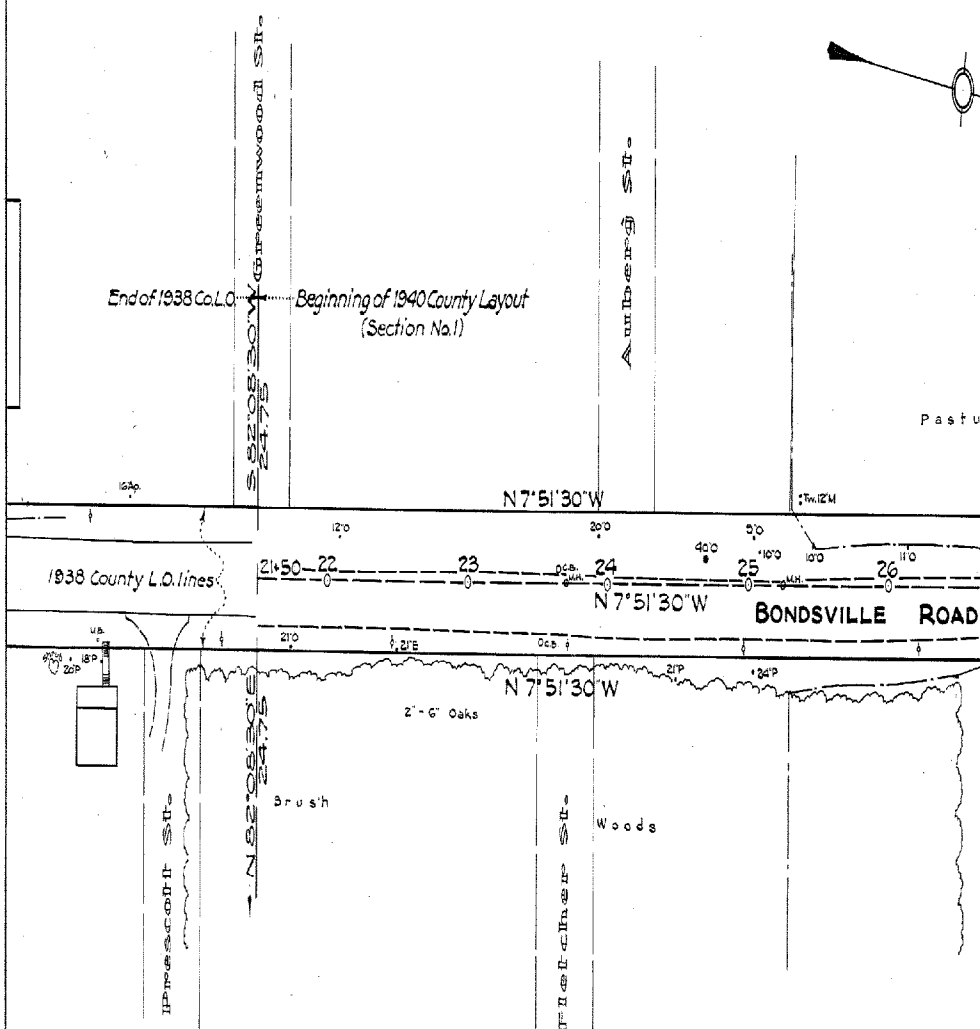
<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Person</b>	<b>Fogarty</b>
<b>Railroads</b>	<b>Boston &amp; Albany Railroad (W</b>





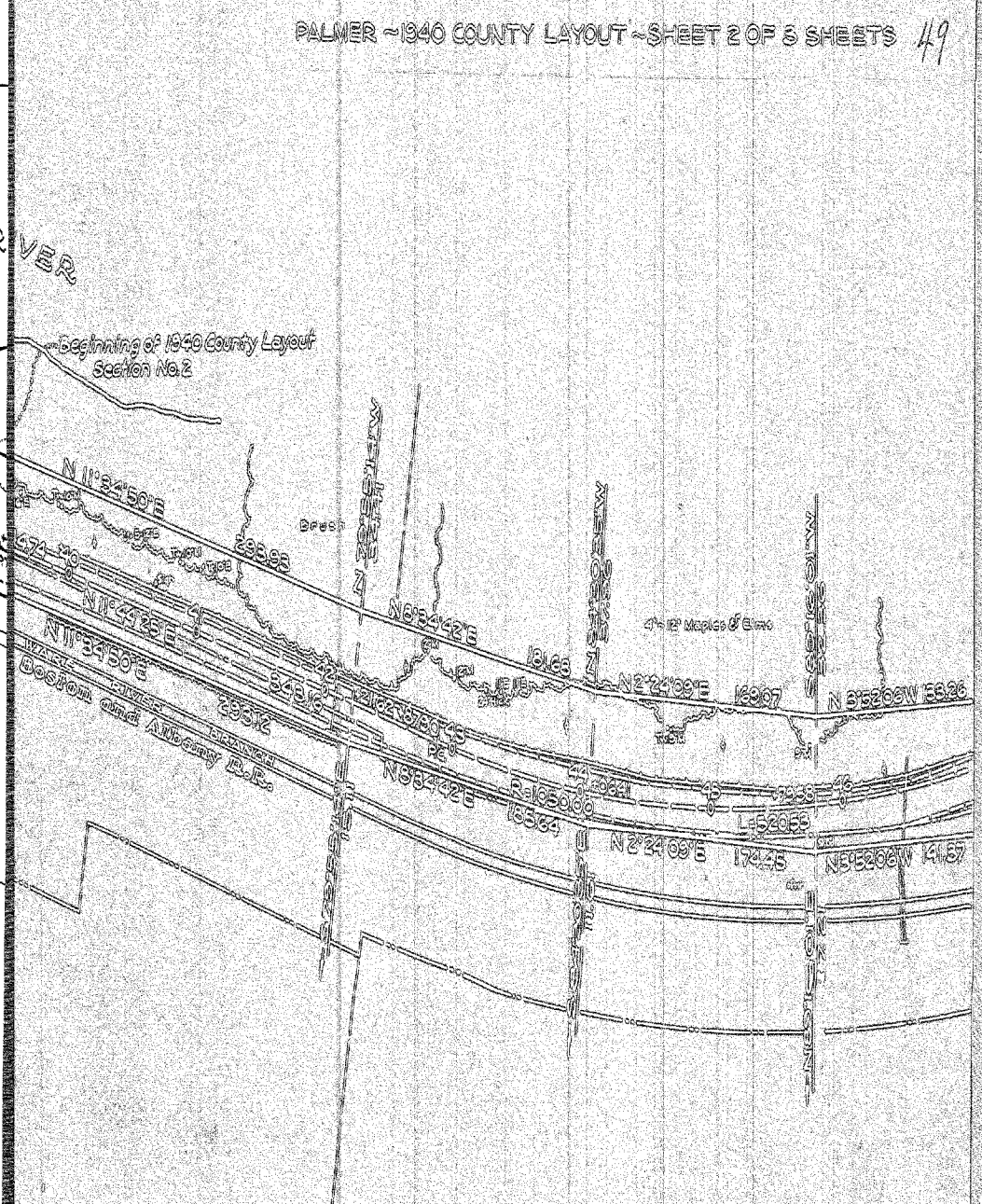
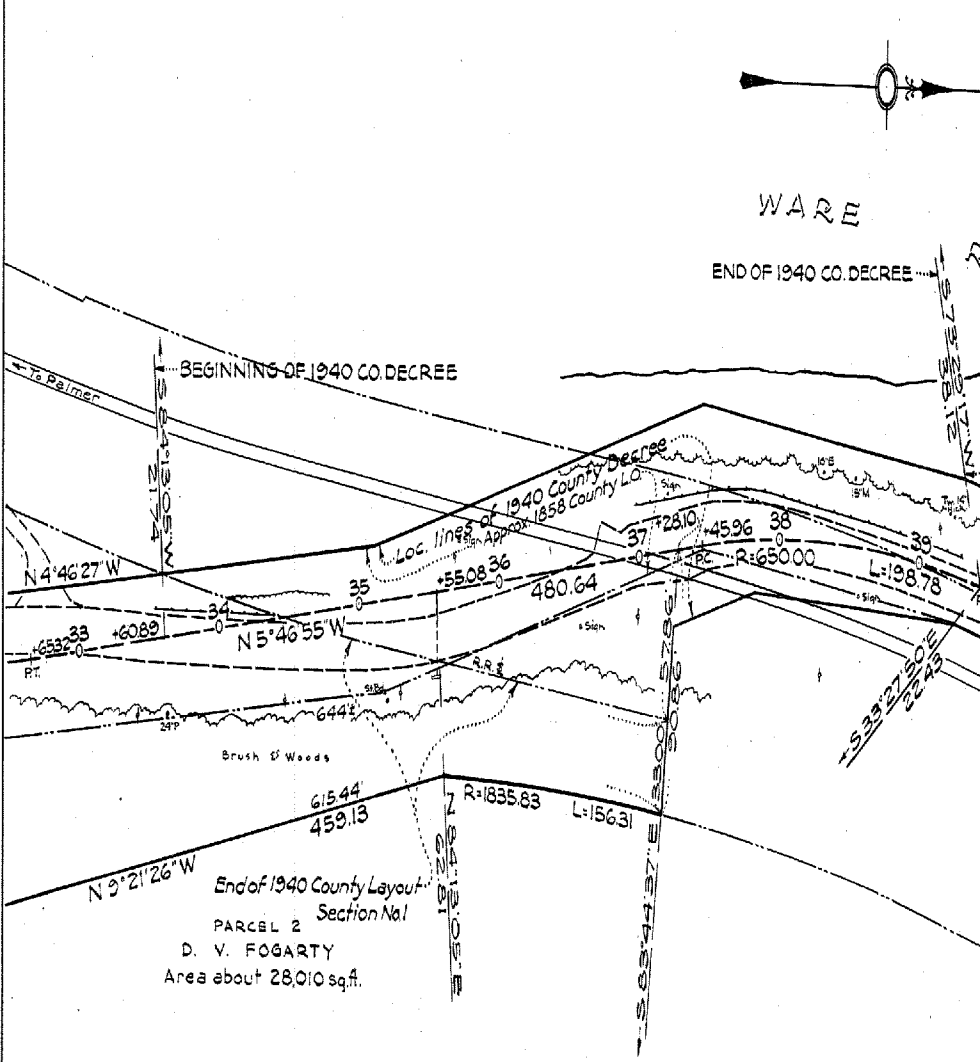






Commonwealth of Massachusetts  
 Hampshire, ss: July 18, 1941  
 On the petition of the Selectmen of the Town of Palmer  
 for relocation, alteration and public widening of  
 Palmer-Bondsville Road, this plan is filed with  
 the relocation report and made a part thereof.  
 Charles W. Brown  
 John J. Woodell  
 Edward J. Chaplin  
 County Commissioners  
 See County Commissioners Record Book Page

The Commonwealth of Massachusetts  
 PLAN OF ROAD  
 in the town of  
**PALMER**  
 HAMPDEN COUNTY  
 Laid out by the  
 COUNTY COMMISSIONERS  
 Scale: 1 inch = 40 feet





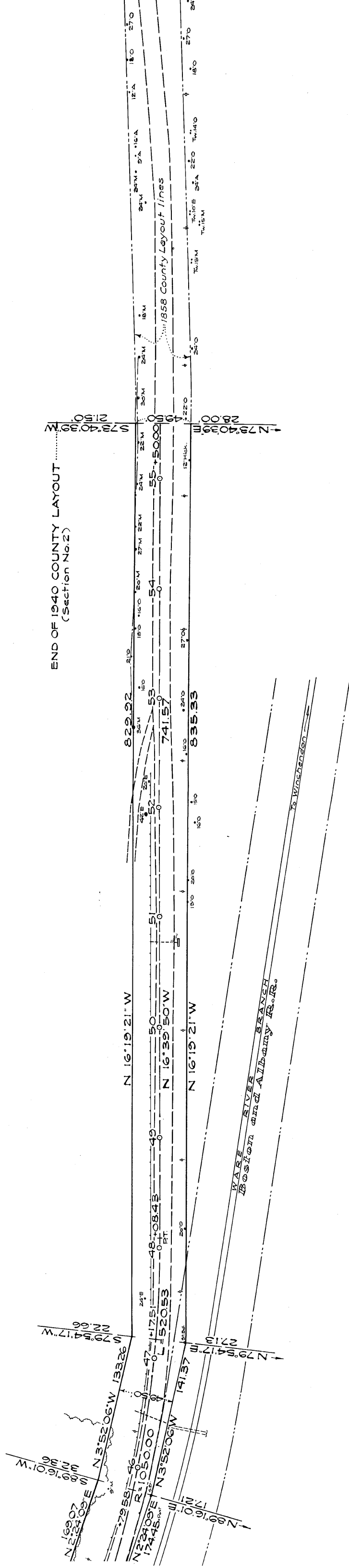
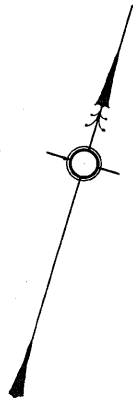
**Plan Original Book and Page:**      **ch11050**

**Name of specific Plan:**

**Plan of Road in Palmer, Mass**



<u>Category</u>	<u>Index</u>
City/Town	Palmer
Railroads	Boston & Albany Railroad (W



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***Description of Plan Group:***

**Dam No. 1 on Vineca Brook for AD Norcross**

---

***Date of Plan:*** 1940

***Date Plan Approved:*** 1940

***Highway Book #:*** 11

***Highway Page #:*** 051

***Commissioners Reference Book #:*** 24

***Commissioners Reference Page #:*** 077



***Public Notes:***

See also: Dams (Wales) - "Norcross Dam" - D20001 & "Vinica Pond Dam" - D20018 & "Norcross Dams 1-2-3" - D20007, D20008 & D20009 & D20010.

**Plan Original Book and Page:     ch11051**

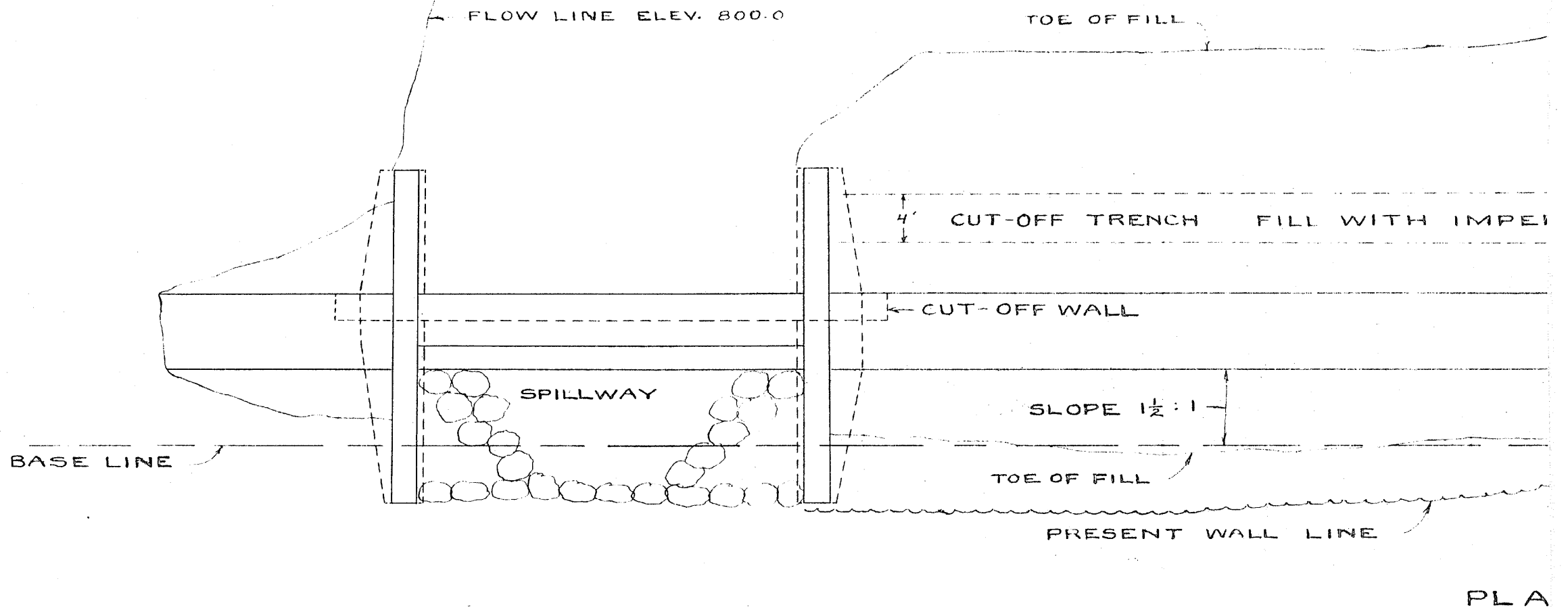
**Name of specific Plan:**

**Dam No. 1 on Vineca Brook for AD Norcross**

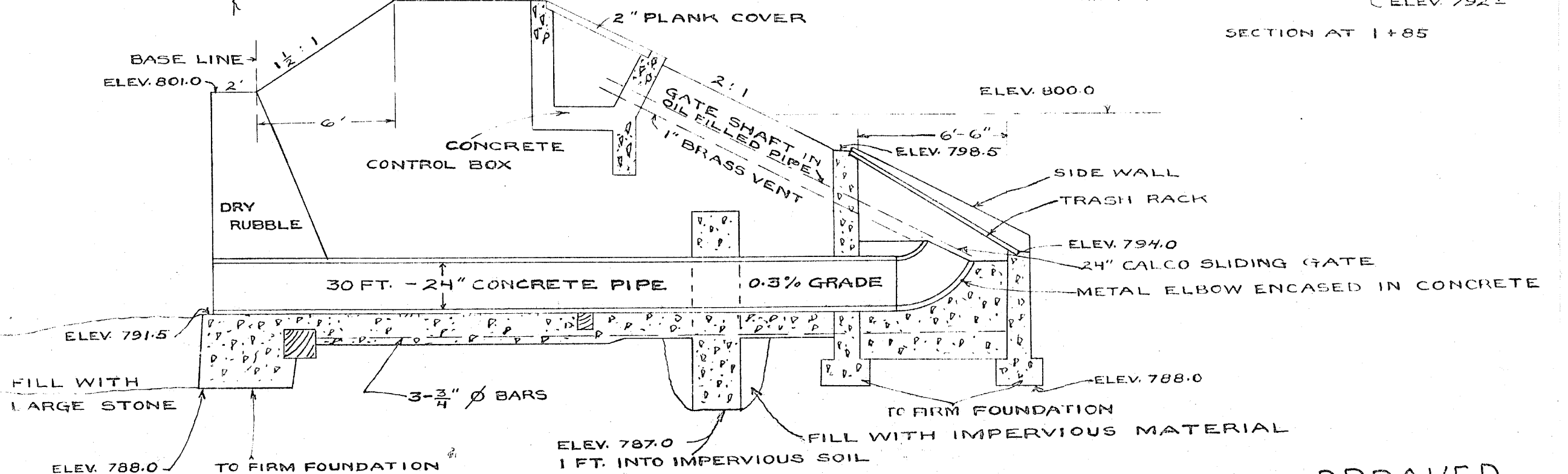
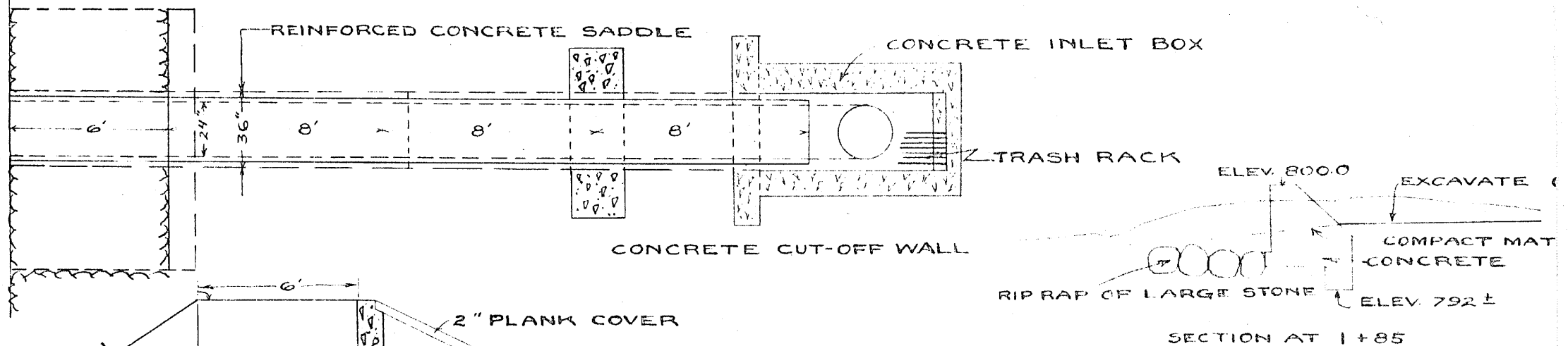
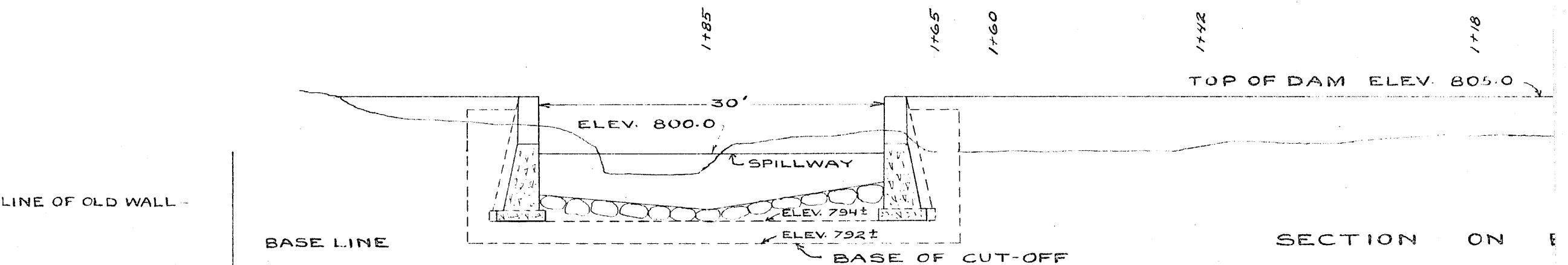


<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Wales</b>
<b>Dam</b>	<b>AD Norcross Dam #1</b>
<b>Person</b>	<b>Norcross, AD</b>
<b>Water</b>	<b>Vineca Brook</b>





PLA



TRASH RACK BARS 3/8" X 2" - SET 2" CENTER TO CENTER  
INLET BOX 3' X 6'-6" INSIDE

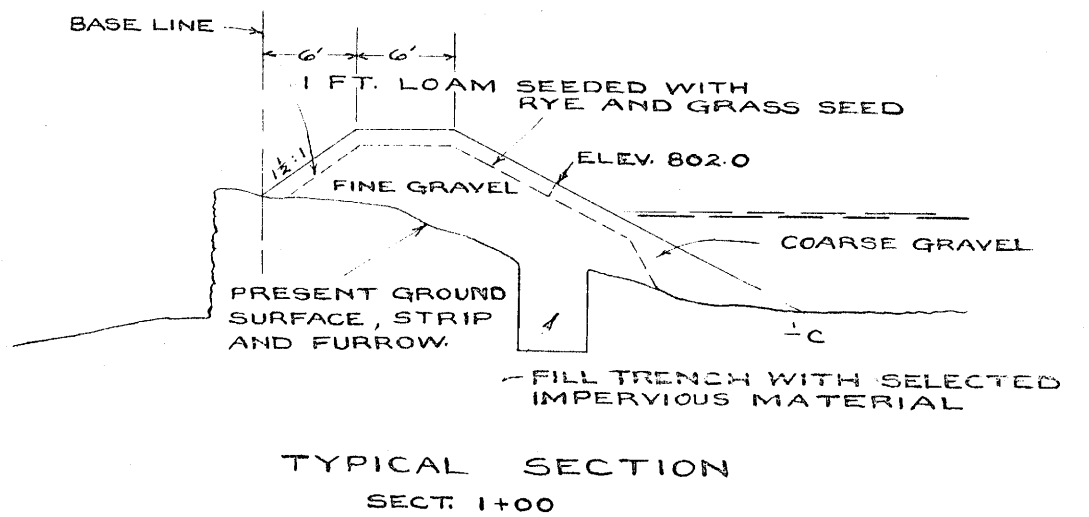
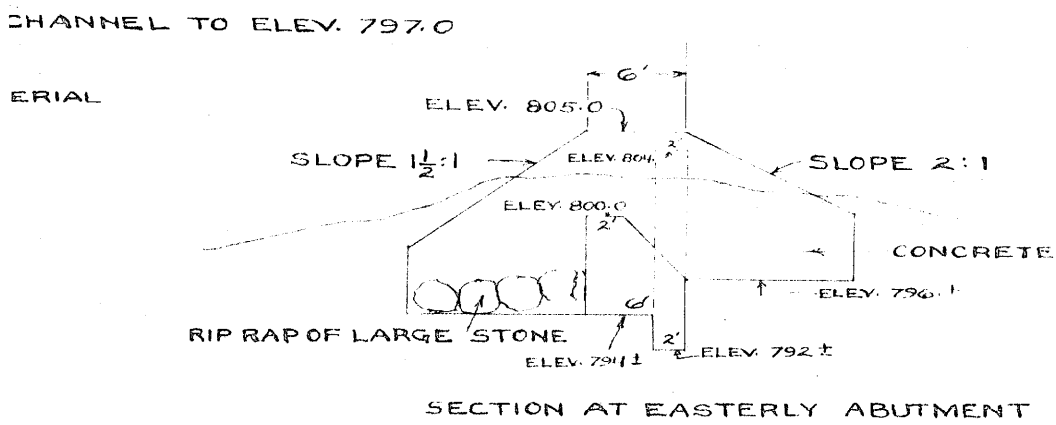
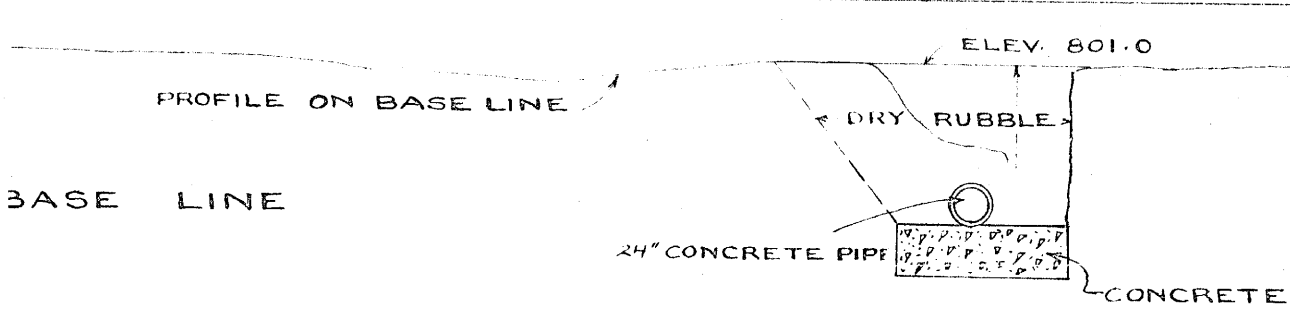
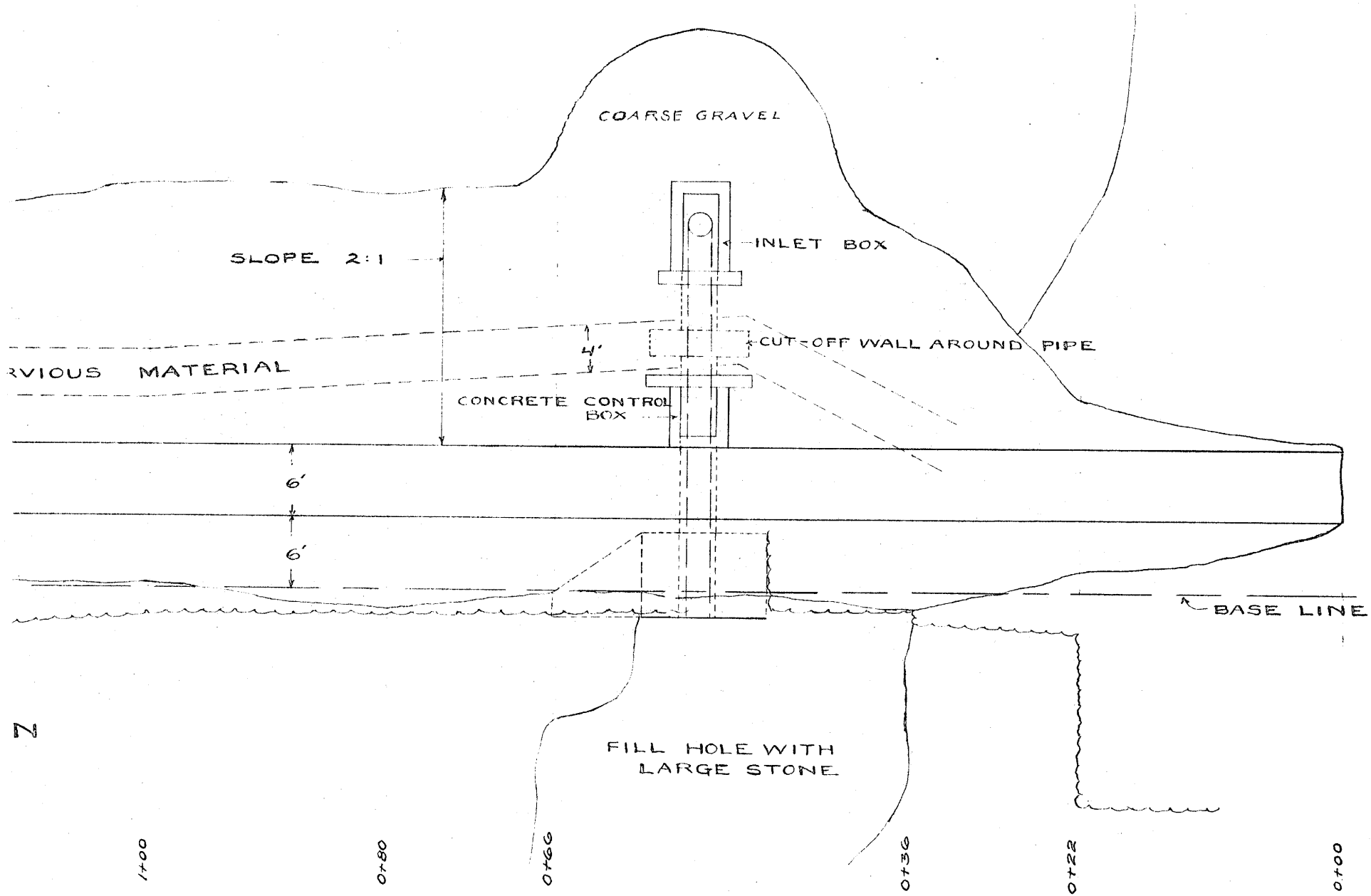
PLAN OF PIPE LINE AND ITS SUPPORTS

SCALE 1/4" IN. = 1 FT.

APPROVED

September 18, 1940

Charles W. Bray  
The Fletcher  
Edmund J. Stupka



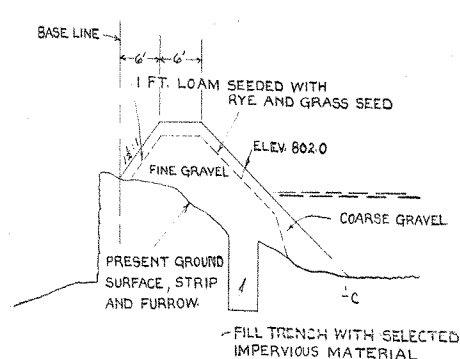
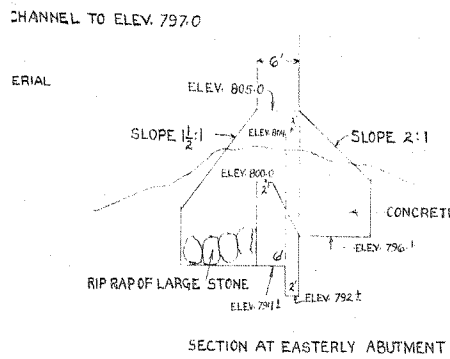
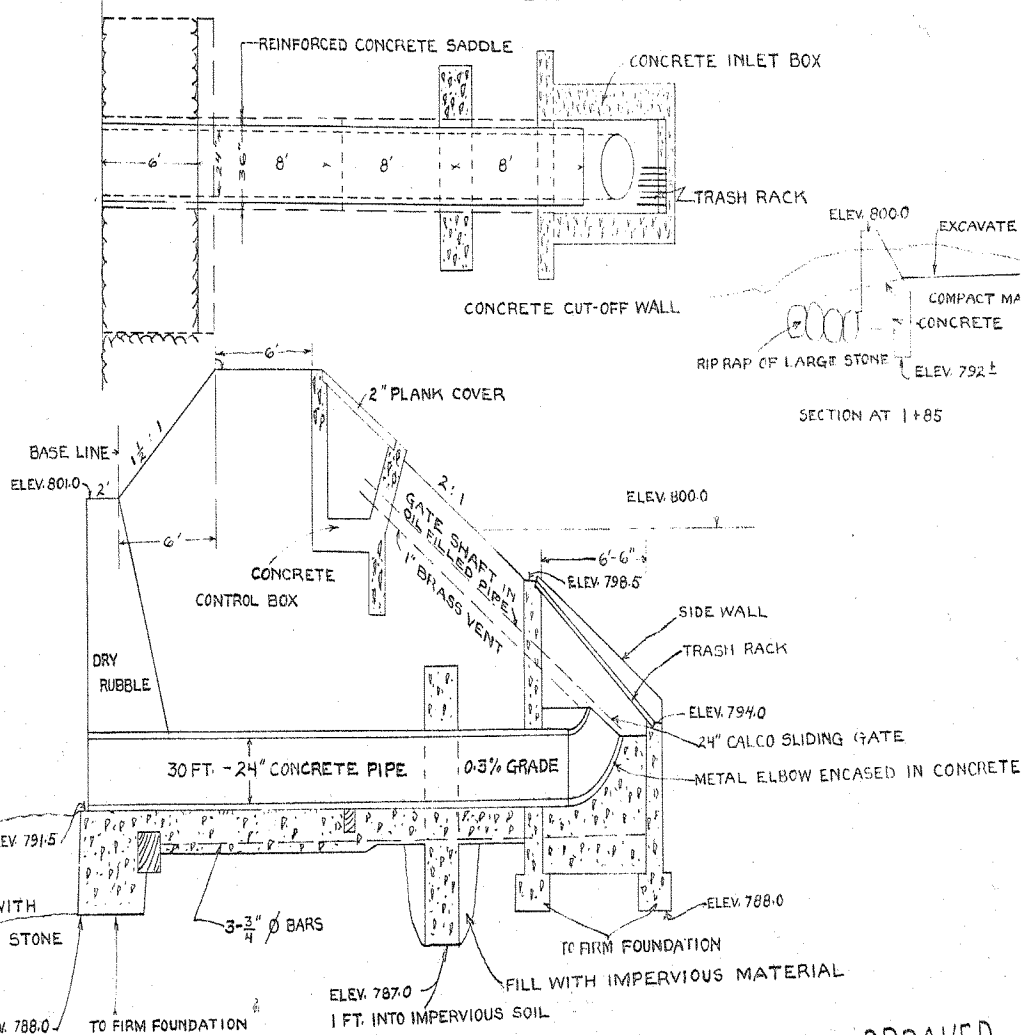
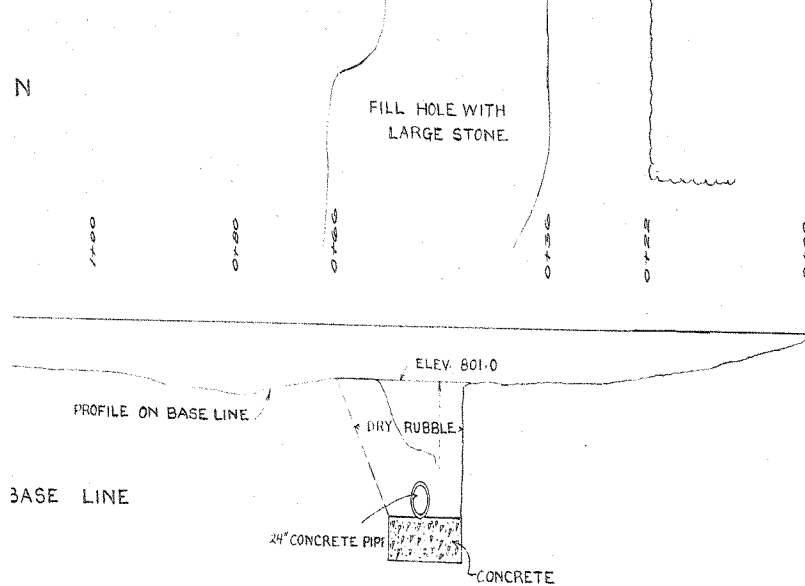
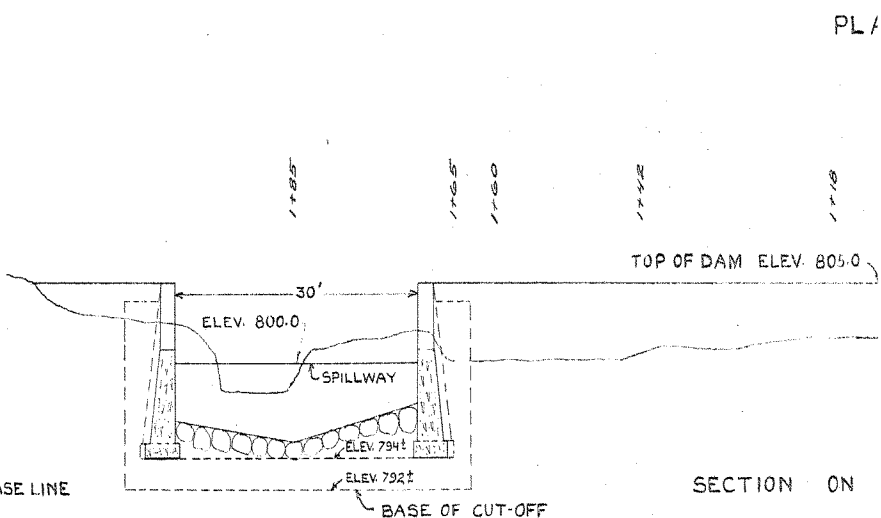
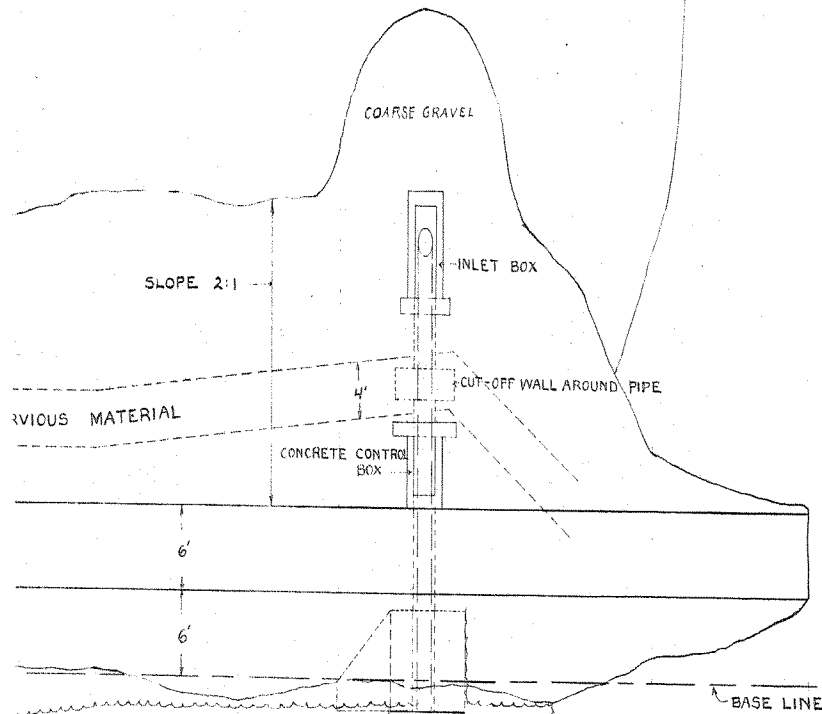
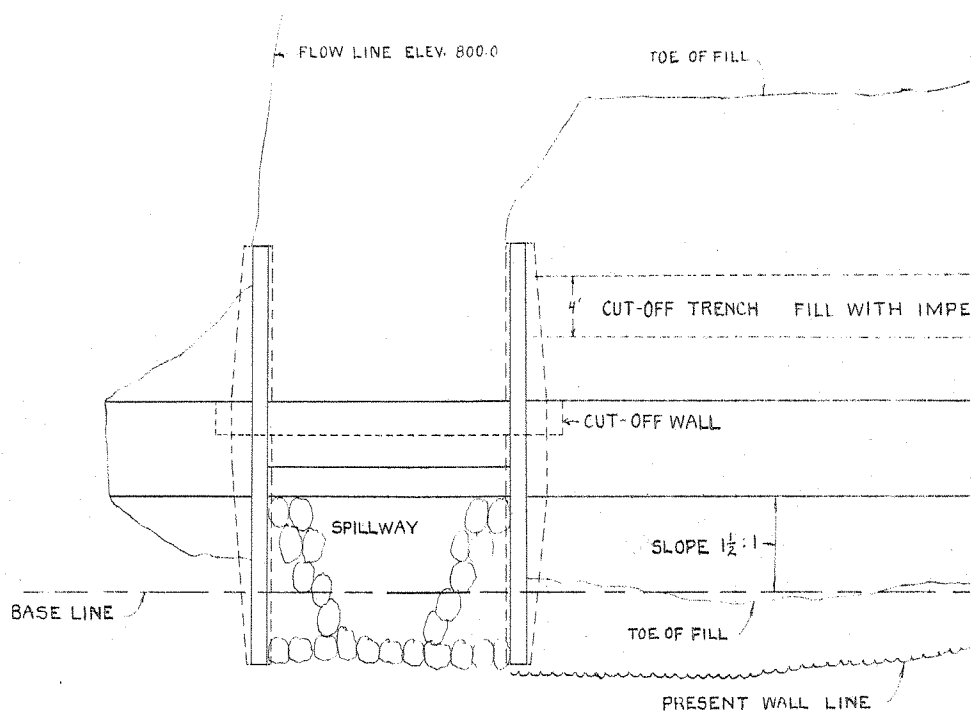
Commonwealth of Massachusetts  
Hampden, ss:  
Filed - September 7, 1940  
Attest: Charles H. Calhoun Clerk

County  
Commissioners

County Commissioners  
Record Book #29 Page #77

See County  
Commissioners  
Book 29 Page 77

PLAN OF DAM No 1  
 FOR  
 A.D. NORCROSS  
 ON  
 VINECA BROOK-WALES, MASS.  
 SCALE 1 IN. = 8 FT. AUG 21, 1940  
 J.K. BARKER - ENGR.



Commonwealth of Massachusetts  
Hampden, ss:  
Filed - September 7, 1940  
Attest: Charles H. Calhoun, Clerk

PLAN OF DAM No 1  
FOR  
A.D. NORCROSS  
ON  
VINECA BROOK - WALES, MASS.  
SCALE 1 IN. = 8 FT. AUG 21, 1940  
J.K. BARKER - ENGR.

APPROVED  
September 18, 1940  
Charles W. Bray  
Charles W. Bray  
Edmund J. Stettin

County Commissioners

See County Commissioners Book 24 Page 77

PLAN OF PIPE LINE AND ITS SUPPORTS

SCALE 1/4" IN. = 1 FT.

---

***Description of Plan Group:***

**Westfield Paper Company Dam Repair**

---

***Date of Plan:*** 1940

***Date Plan Approved:*** 1940

***Highway Book #:*** ch11

***Highway Page #:*** 052

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 070



***Public Notes:***

**See also: Dams (Russell) - "Westfield River Paper Company" - D16006.**



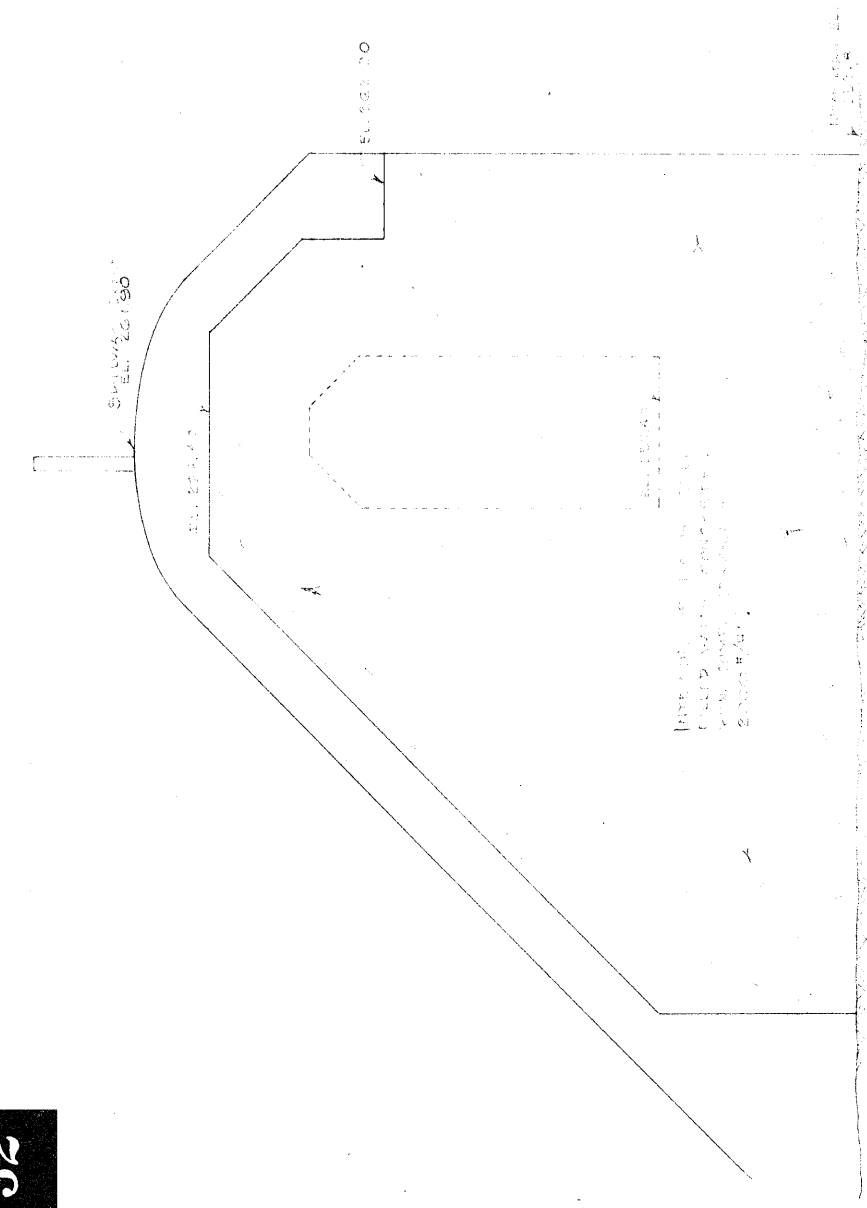
**Plan Original Book and Page:      ch11052**

**Name of specific Plan:**

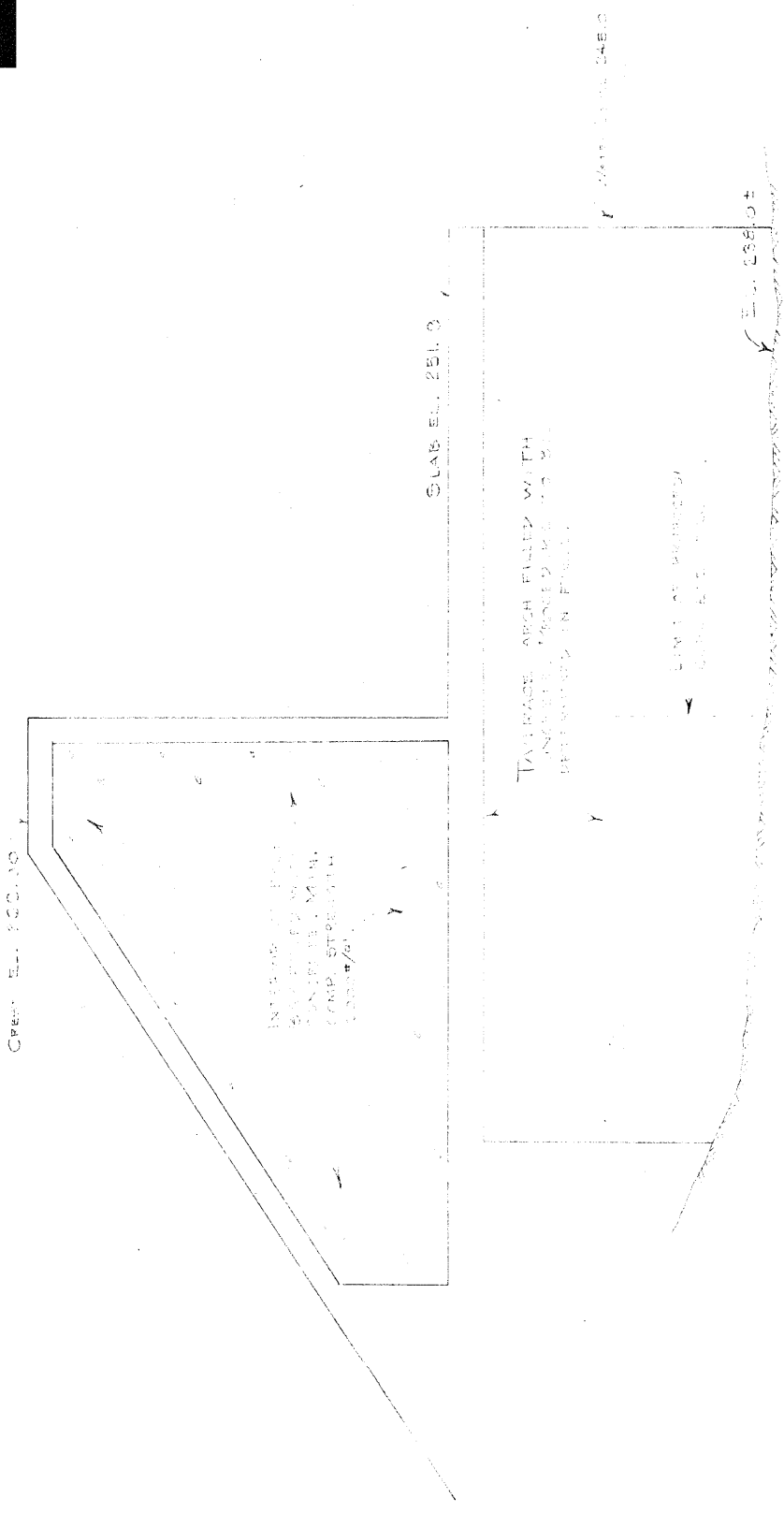
**Westfield River Paper Company Dam Repair**



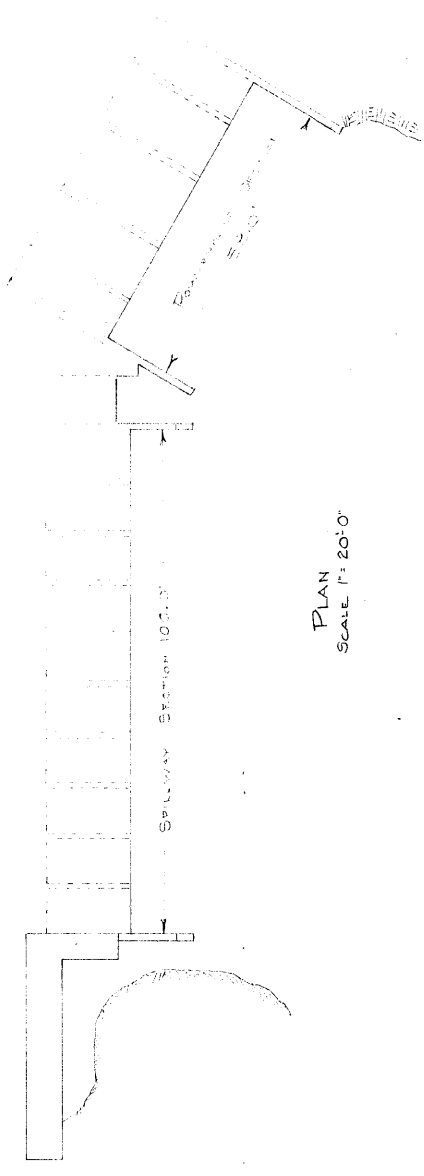
<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Russell</b>
<b>Dam</b>	<b>Westfield Paper Company Da</b>
<b>Dam</b>	<b>Westfield River Paper Compa</b>
<b>Water</b>	<b>Westfield River</b>



TYPICAL SPILLWAY SECTION  
SCALE 1/2" = 1'-0"

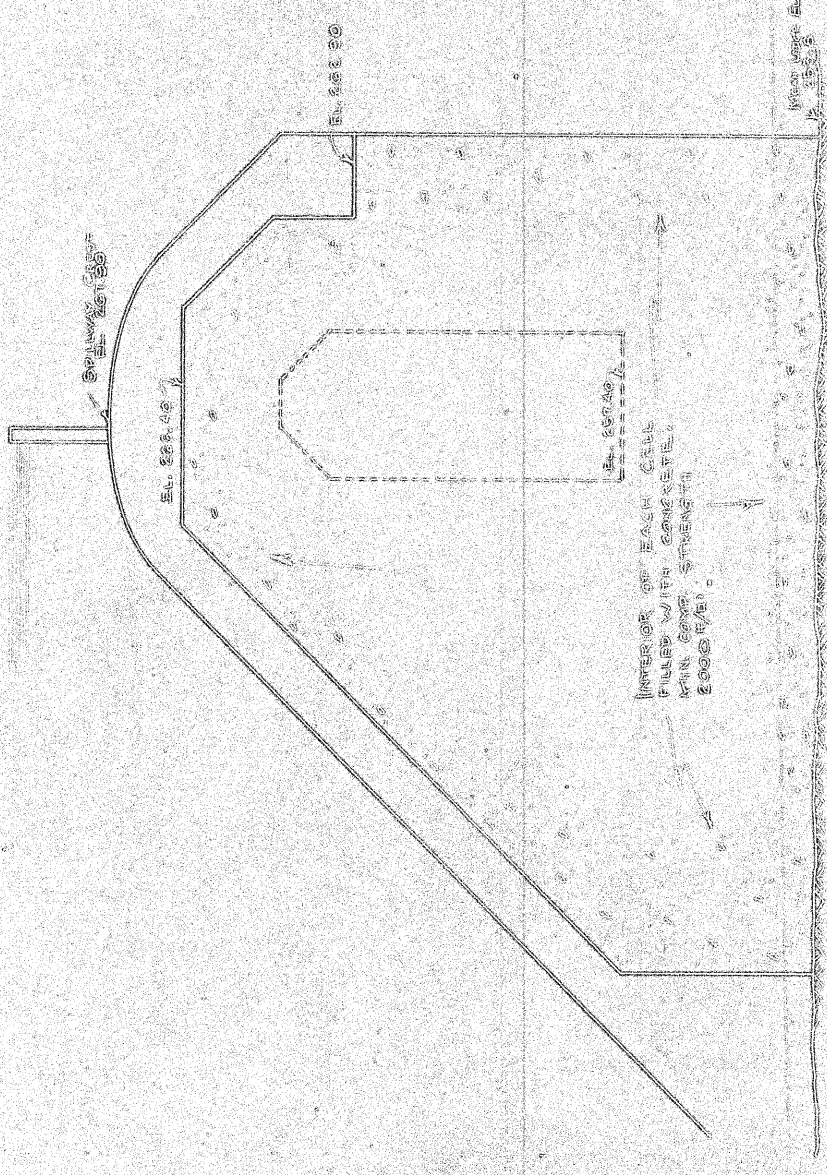


SECTION AT POWERHOUSE  
SCALE 1/4" = 1'-0"

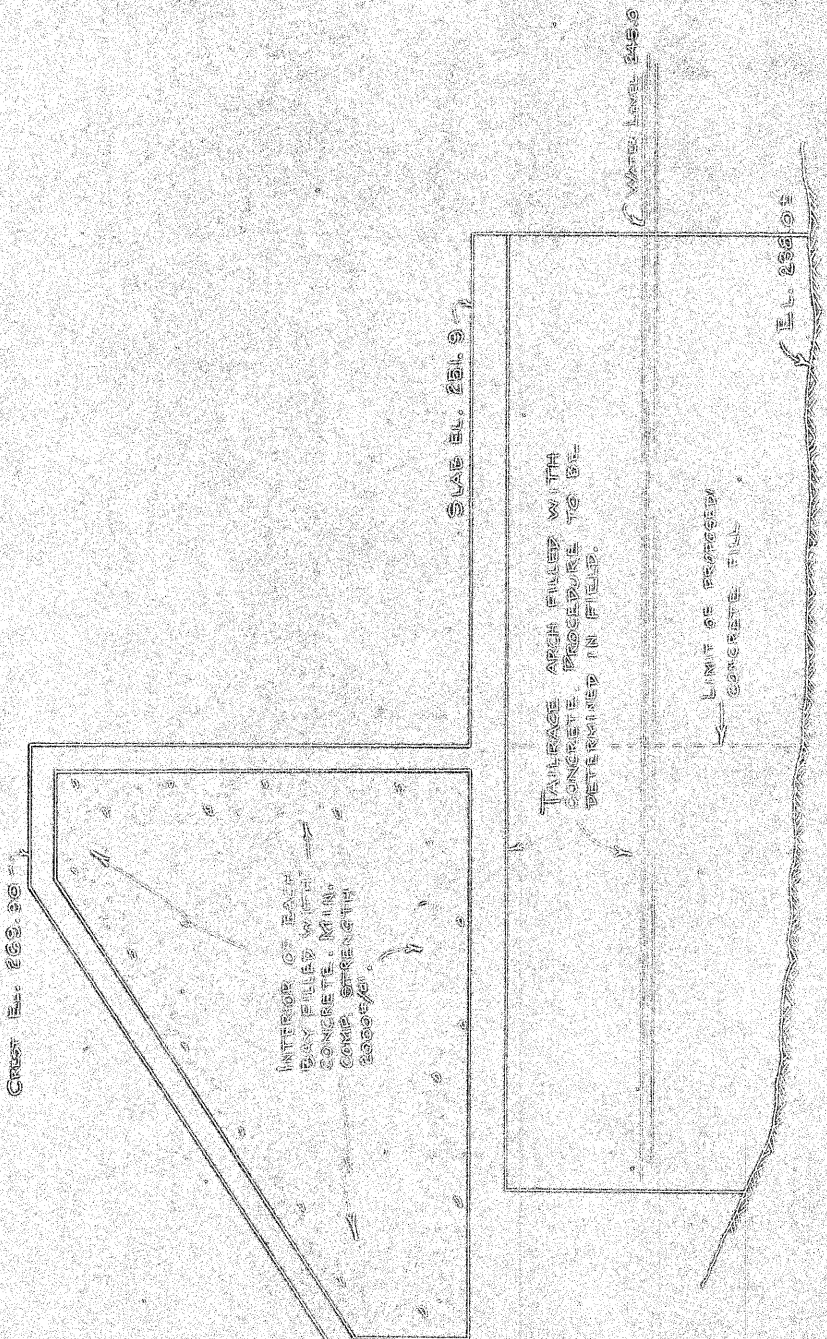


PLAN  
SCALE 1" = 20'-0"

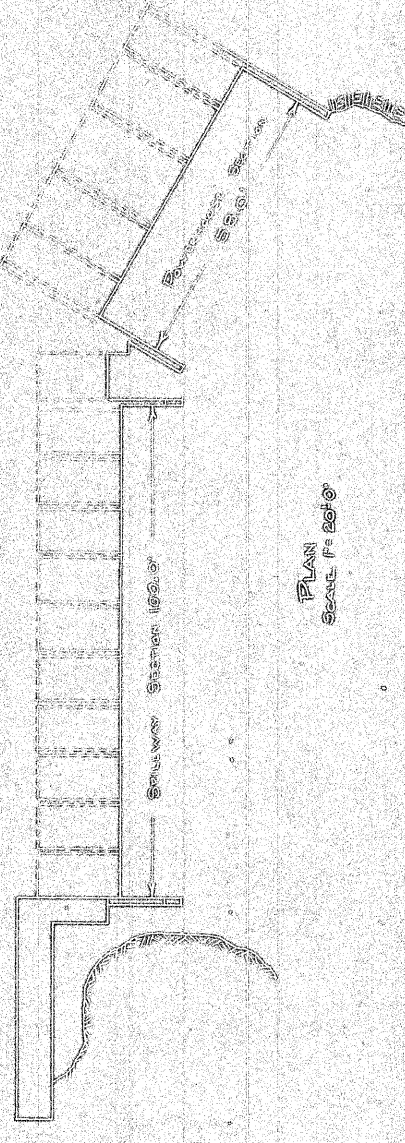
RUSSELL, MASS.  
REPAIRS TO DAM OF  
WESTFIELD RIVER PAPER CO.  
BY  
LINDHOLM CONSTRUCTION CO., INC.  
ENGINEERS-CONSTRUCTORS  
T-25-40  
SCALES AS NOTED



TYPICAL SPILLWAY SECTION  
SCALE 1/2" = 1'-0"



SECTION AT POWERHOUSE  
SCALE 1/2" = 1'-0"



PLAN  
SCALE 1" = 20'-0"

*Commonwealth of Massachusetts*  
*Hampden, ss: Filed - August 31, 1940*  
*Attest: David L. Flynn, Clerk.*

APPROVED: September 18, 1940  
*Edward J. Stapleton* } County  
*Charles J. Gray* } Commis  
*Wm. J. C. Smith* }

RUSSELL, MASS.  
 REPAIRS TO DAM OF  
 WESTFIELD RIVER PAPER CO.  
 BY  
 LINDHOLM CONSTRUCTION CO., INC.  
 ENGINEERS-CONSTRUCTORS  
 T-25-40  
 SCALES AS NOTED

**Plan Original Book and Page:     ch11053**

**Name of specific Plan:**

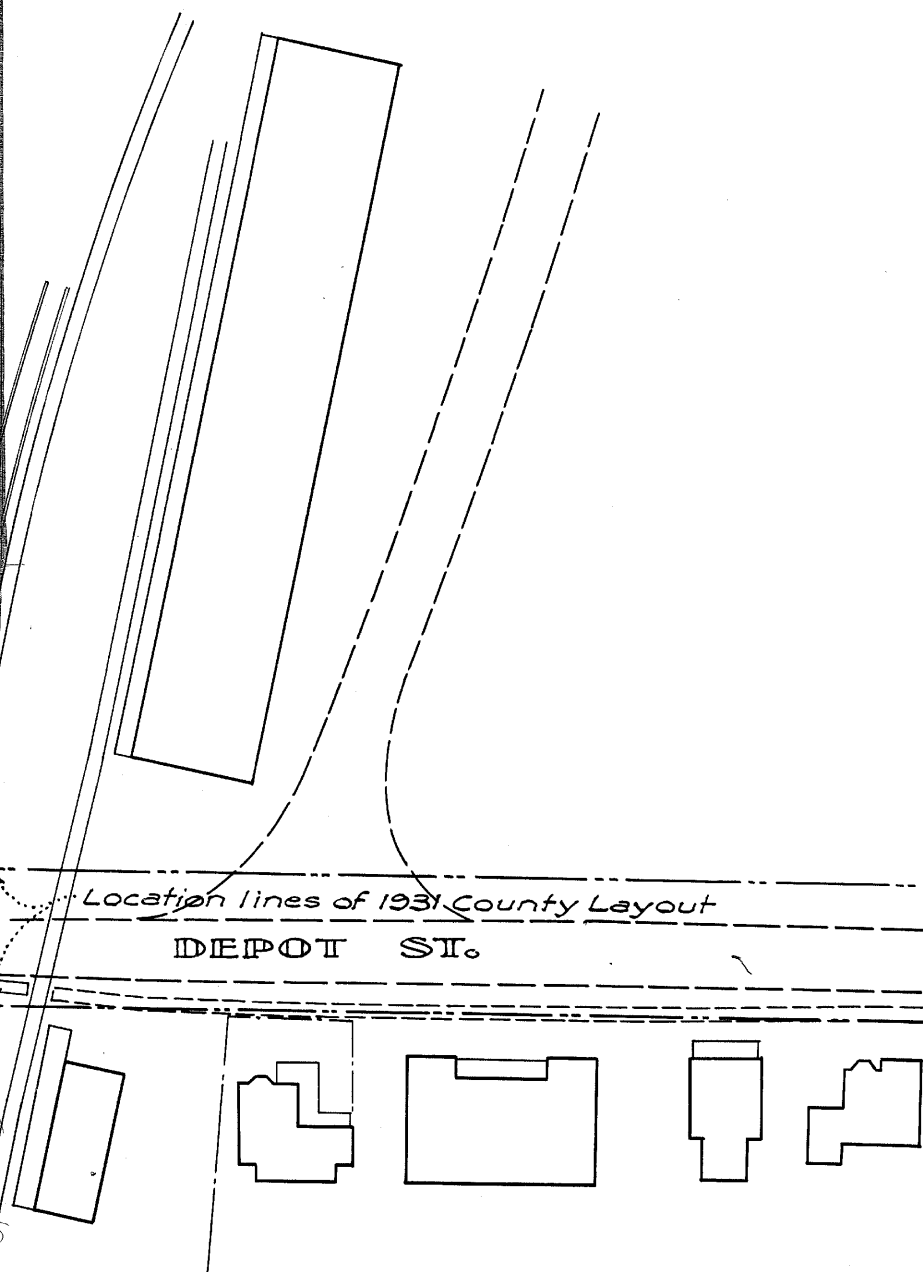
**Depot Street at Main Street (over Swift River to Belchertown)**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Boston Duck Company</b>
<b>Abutters</b>	<b>Belchertown line</b>
<b>City/Town</b>	<b>Palmer</b>
<b>Streets</b>	<b>Depot Street</b>
<b>Streets</b>	<b>Main Street</b>
<b>Water</b>	<b>Swift River</b>







Commonwealth of Massachusetts  
 Hampden, ss: September 25, 1940  
 on the petition of the Board of Selectmen of  
 the Town of Palmer for relocation and alterations  
 on Depot Street. This plan is filed with  
 the relocation report and made a part  
 thereof.

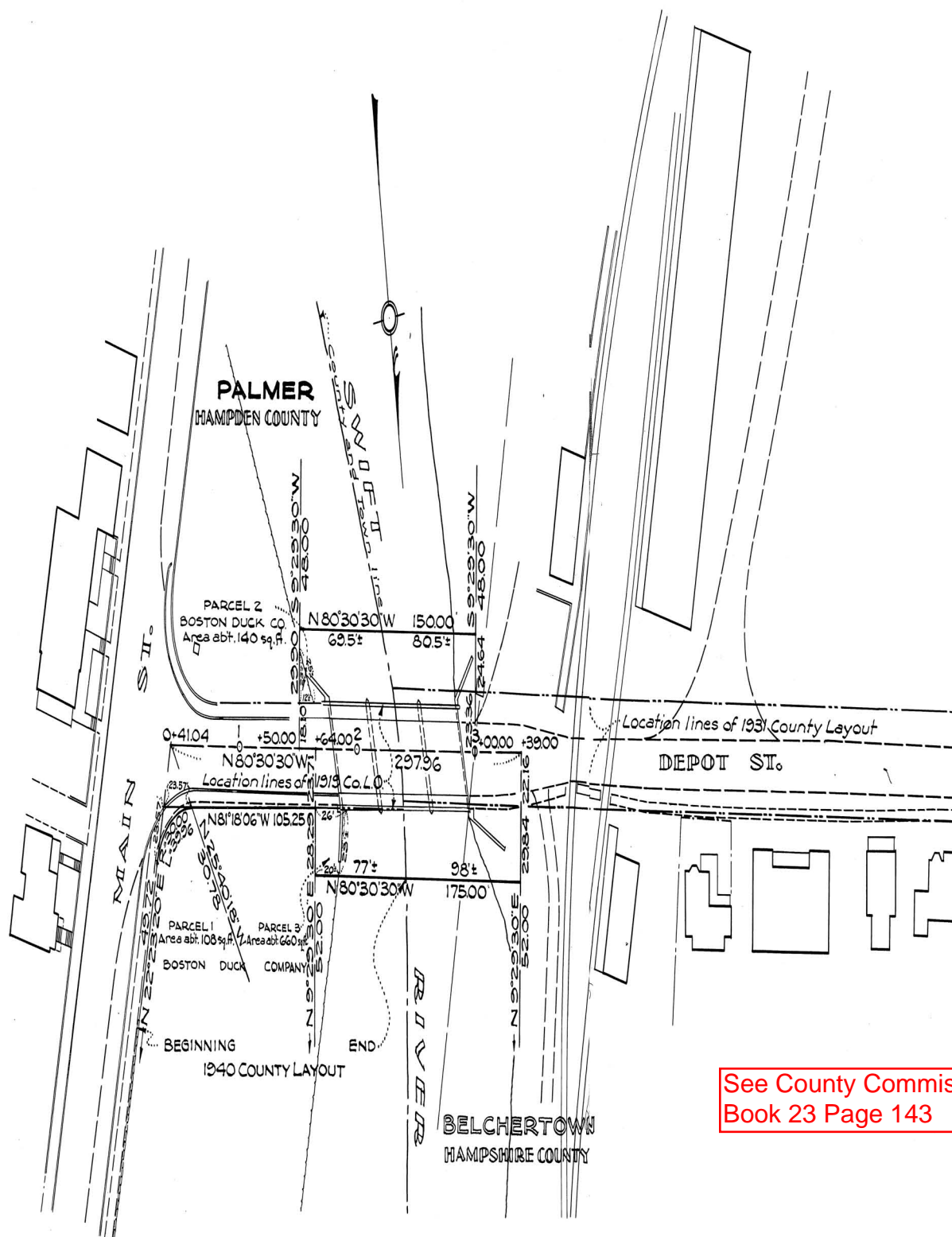
Charles W. Gray }  
 Wm. J. Caputo } County  
 Edward J. Stapleton } Commissioners

See County Commissioners Record Book 2 Page 148

See County Commissioners  
 Book 23 Page 148

The Commonwealth of Massachusetts  
 PLAN OF ROAD  
 in the town of  
**PALMER**  
 HAMPDEN COUNTY  
 Laid out by the  
**COUNTY COMMISSIONERS**

Scale: 1 inch = 40 feet.



Commonwealth of Massachusetts  
 Hampshire, ss: September 25, 1940  
 on the petition of the Board of Selectmen of  
 the Town of Palmer for relocation and alterations  
 on Depot Street. This plan is filed with  
 the relocation report and made a part  
 thereof.

Charles W. Gray  
 Thomas J. Connelley  
 Edward J. Eastman  
 County Commissioners

See County Commissioners' Record Book 2 Page 143

See County Commissioners  
 Book 23 Page 143

The Commonwealth of Massachusetts  
 PLAN OF ROAD  
 in the town of  
**PALMER**  
 HAMPDEN COUNTY  
 Laid out by the  
**COUNTY COMMISSIONERS**

Scale: 1 inch = 40 feet.

---

***Description of Plan Group:***

**Feeding Hills Road - Agawam line westerly**

---

***Date of Plan:*** 1940

***Date Plan Approved:*** 1940

***Highway Book #:*** ch11

***Highway Page #:*** 054

***Commissioners Reference Book #:*** 23

***Commissioners Reference Page #:*** 145

***Public Notes:***





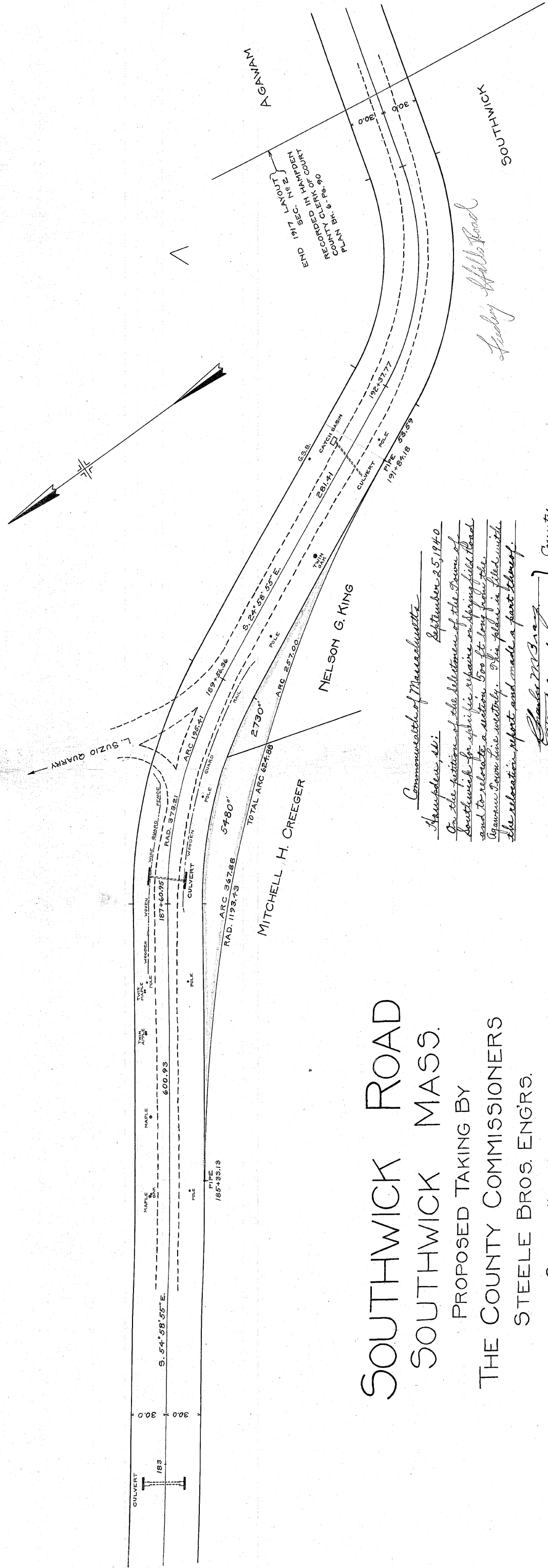
**Plan Original Book and Page:     ch11054**

**Name of specific Plan:**

**Feeding Hills Road - Agawam line westerly**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Agawam Town Line</b>
<b>City/Town</b>	<b>Southwick</b>
<b>Person</b>	<b>King, Nelson G</b>
<b>Person</b>	<b>Creeger, Mitchell H</b>
<b>Streets</b>	<b>Southwick Road</b>
<b>Streets</b>	<b>Feeding Hills Road</b>



# SOUTHWICK ROAD SOUTHWICK MASS.

PROPOSED TAKING BY  
THE COUNTY COMMISSIONERS  
STEELE BROS. ENGRS.

SCALE: 1 IN. = 40 FT.  
JULY 1940

Commonwealth of Massachusetts  
Amherst, Mass. September 25, 1940  
On the petition of the selectmen of the Town of Southwick for a specific relocation of Springfield Road and to relocate a section 500 ft long from the Gaurum Curve due westerly. This plan is filed with the relocation report and made a part thereof.

Charles M. Gray County Commissioner  
Philip J. Gray County Commissioner  
Edward J. Gray County Commissioner

See County Commissioners' Record, Book # 23 Page # 145

*Springfield Road*

AGAWAM

SOUTHWICK

END 1/4 LAYOUT  
RECORDED IN HAMDEN  
COUNTY CLERK'S OFFICE  
PLAN BK. 6 - Pg. 90

**Plan Original Book and Page:     ch11055**

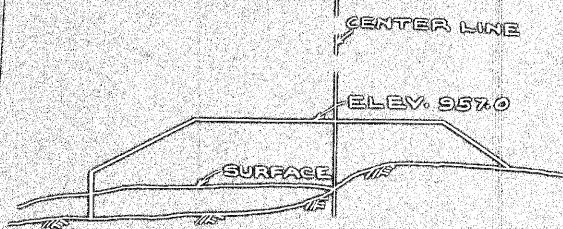
**Name of specific Plan:**

**am No 3 on Vineca Brook for AD Norcross**

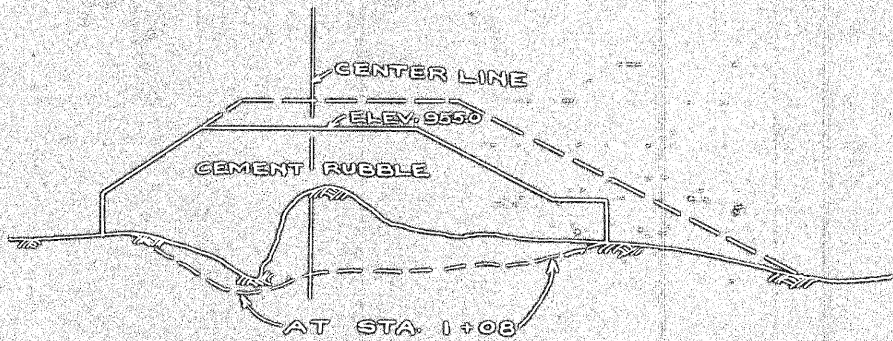


<b>Category</b>	<b>Index</b>
<b>City/Town</b>	<b>Wales</b>
<b>Dam</b>	<b>AD Norcross Dam #3</b>
<b>Person</b>	<b>Norcross, AD</b>
<b>Water</b>	<b>Vineca Brook</b>

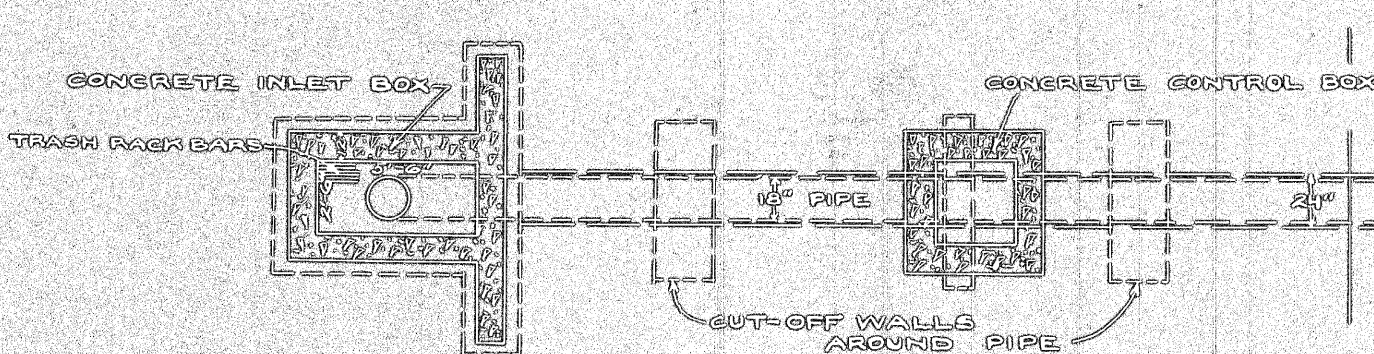
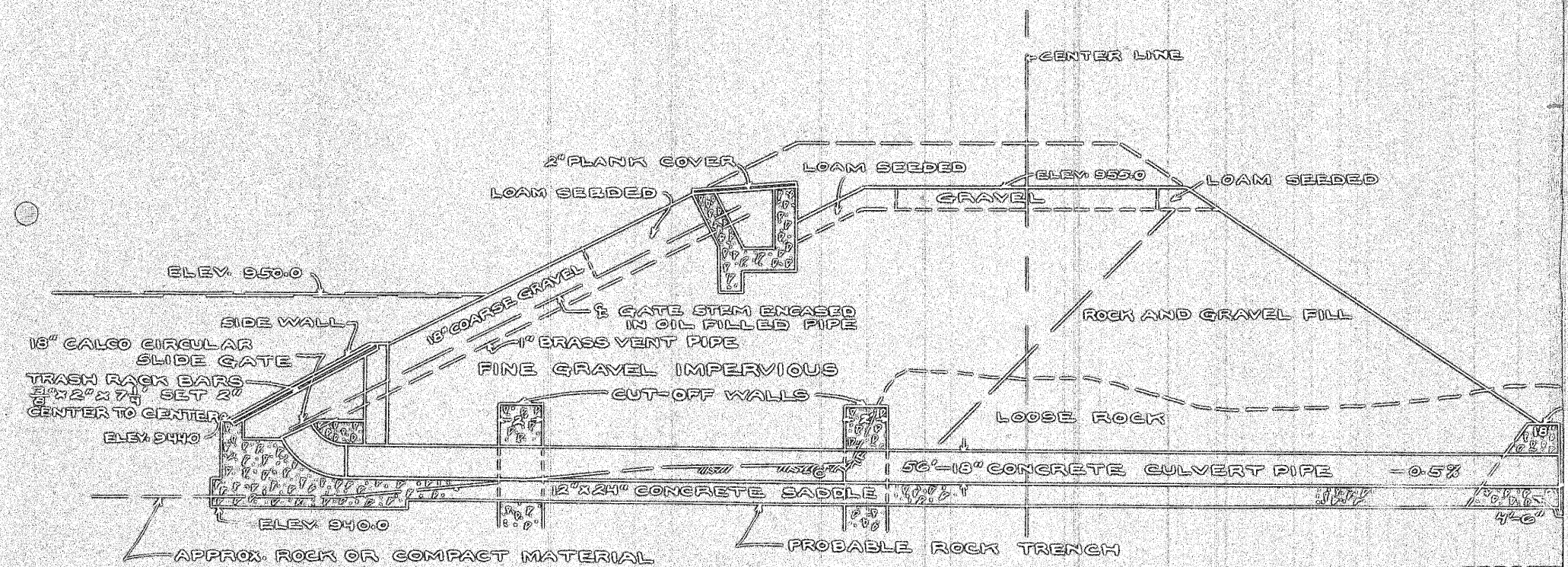
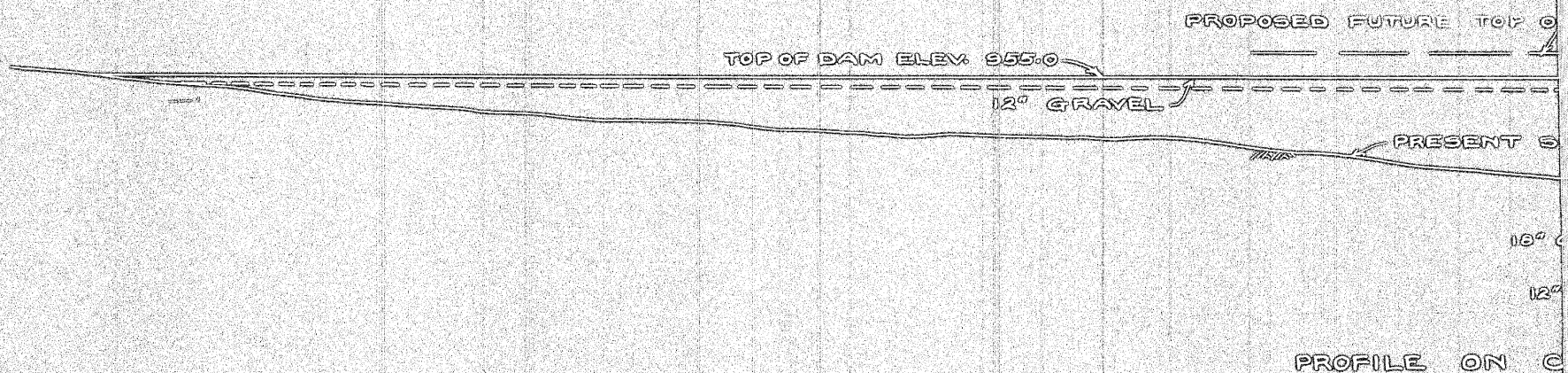
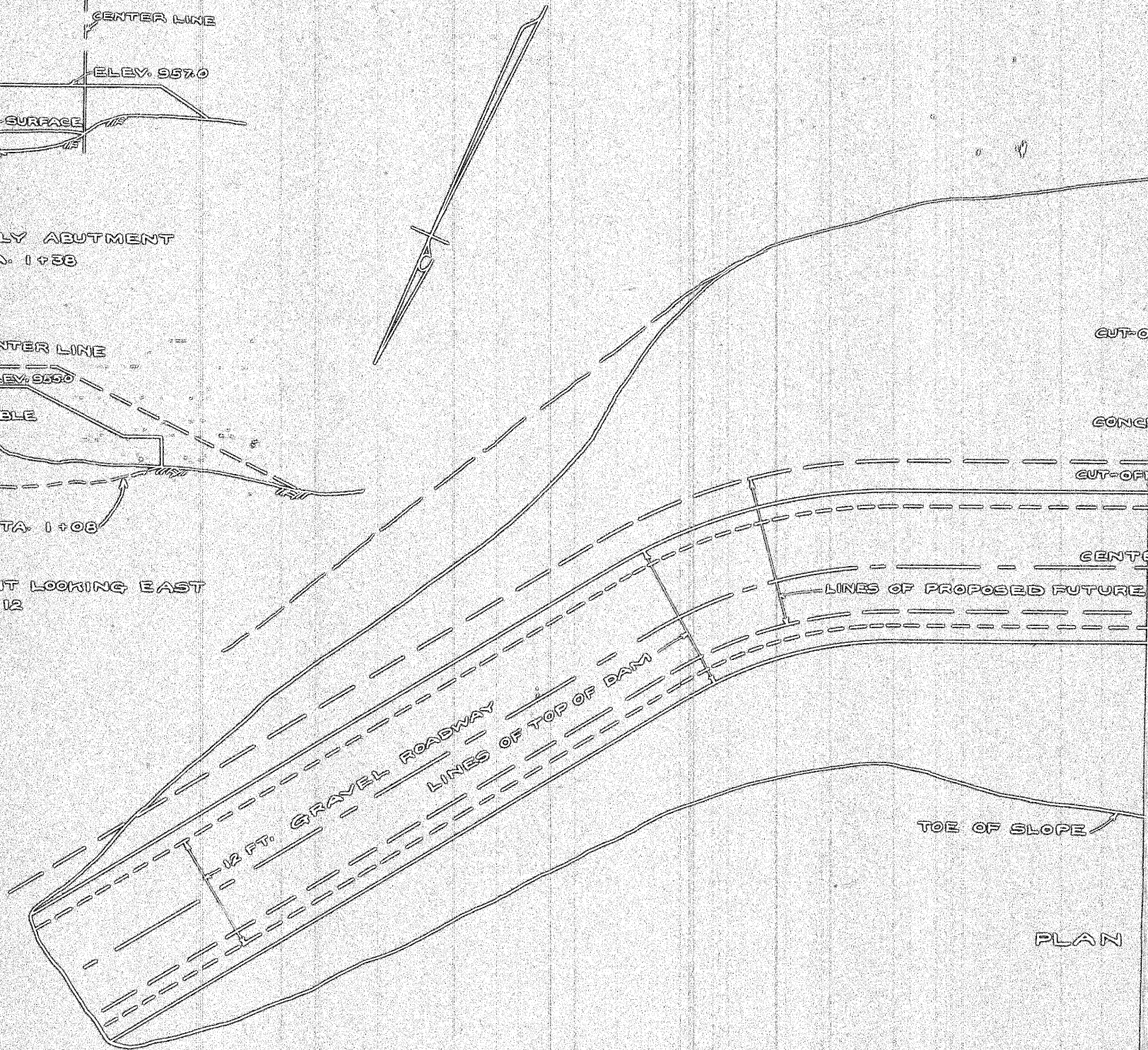




WESTERLY ABUTMENT  
STA. 1+38



EASTERLY ABUTMENT LOOKING EAST  
STA. 1+12

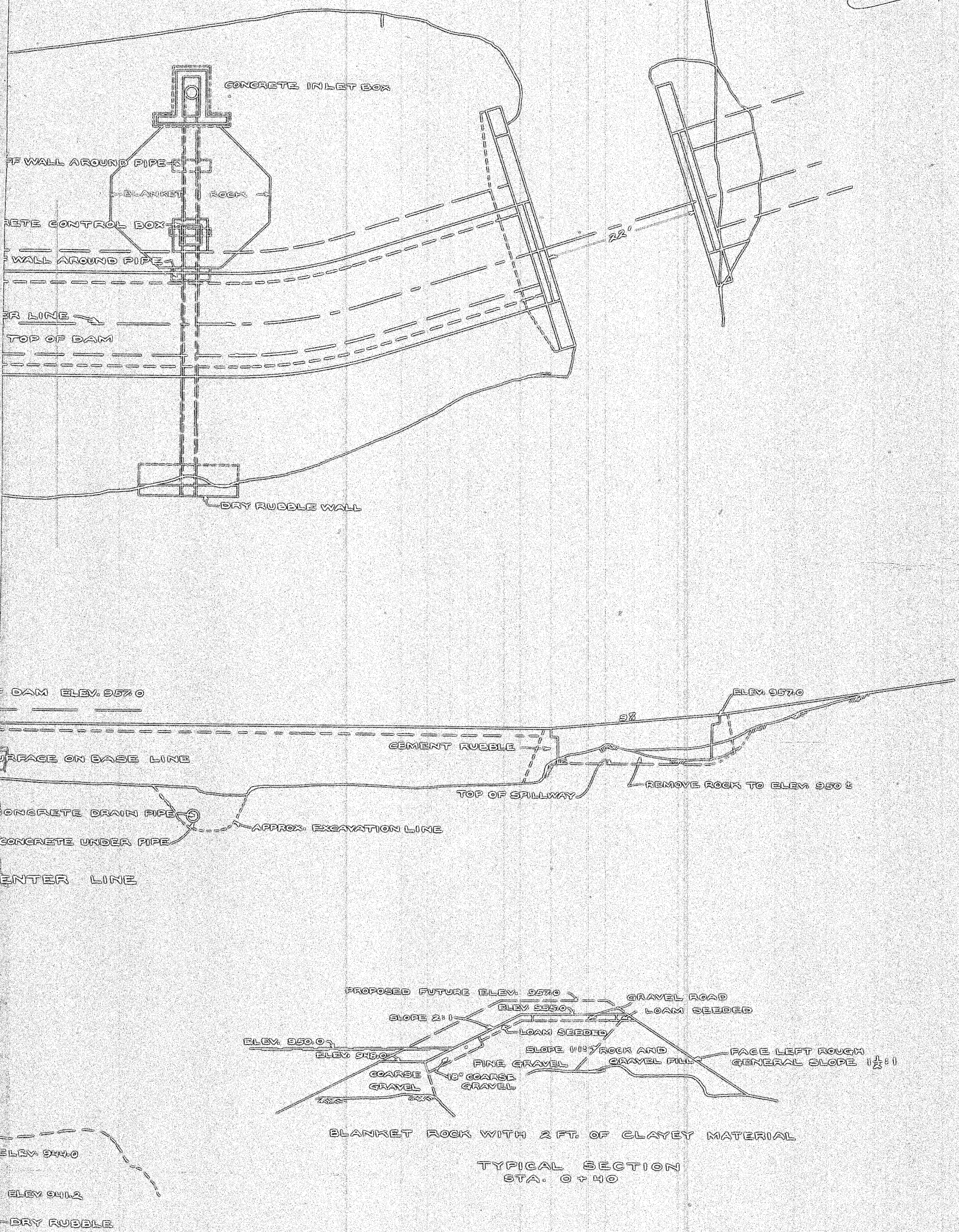


SCALE 1" = 4'

APPROVED  
October 16, 1940

*Charles W. Bray*  
*Frank L. Smith*  
*Edmund J. Stapleton*  
County Commissioners



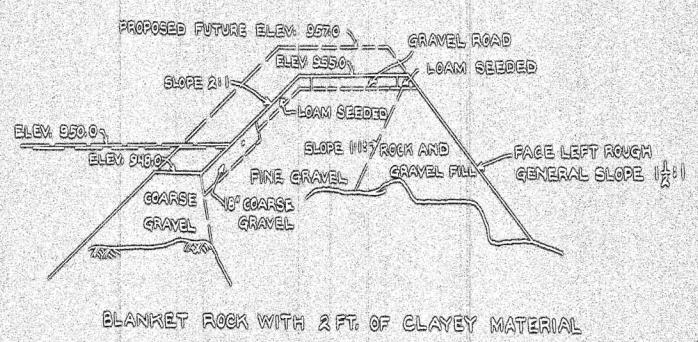
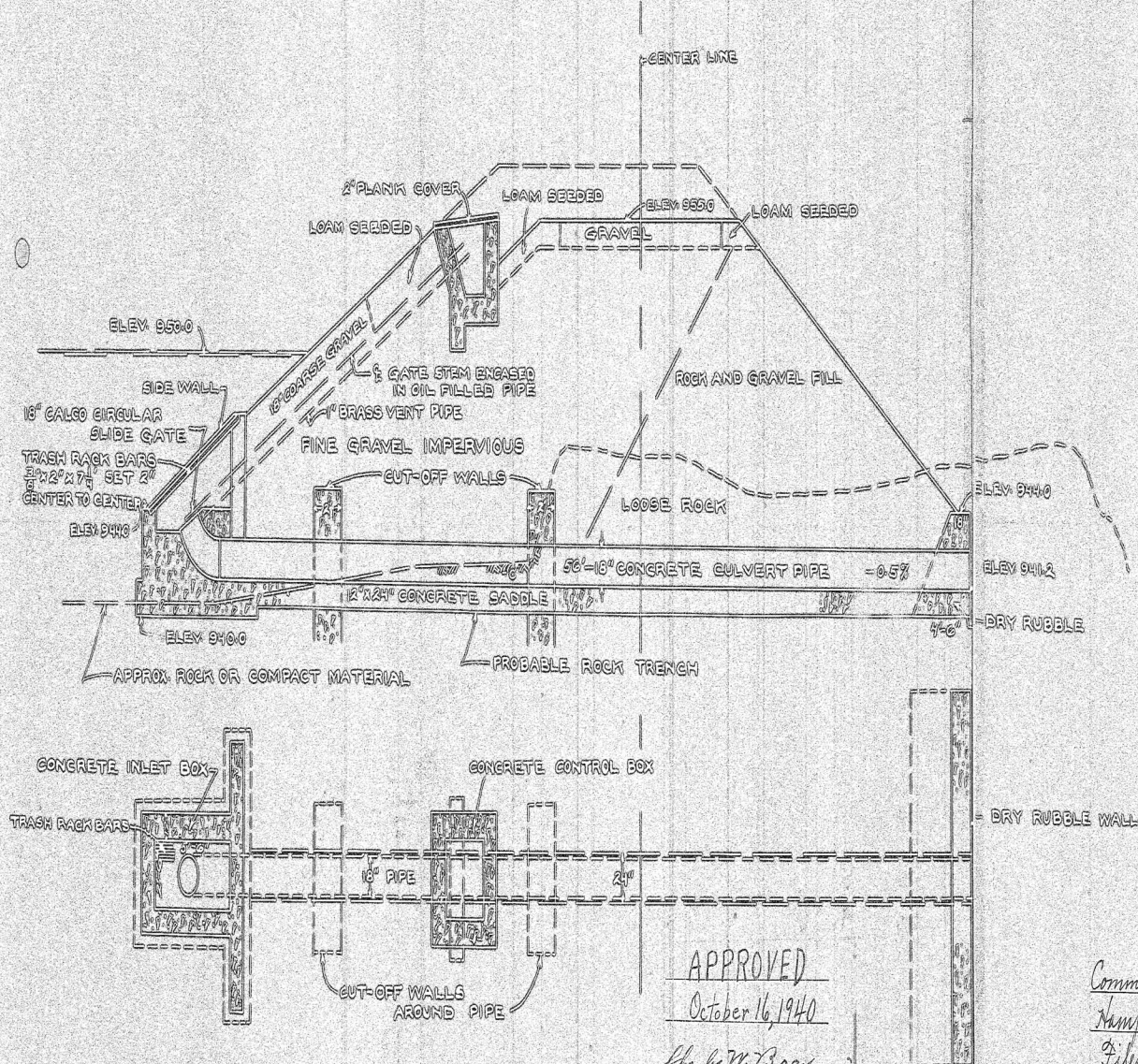
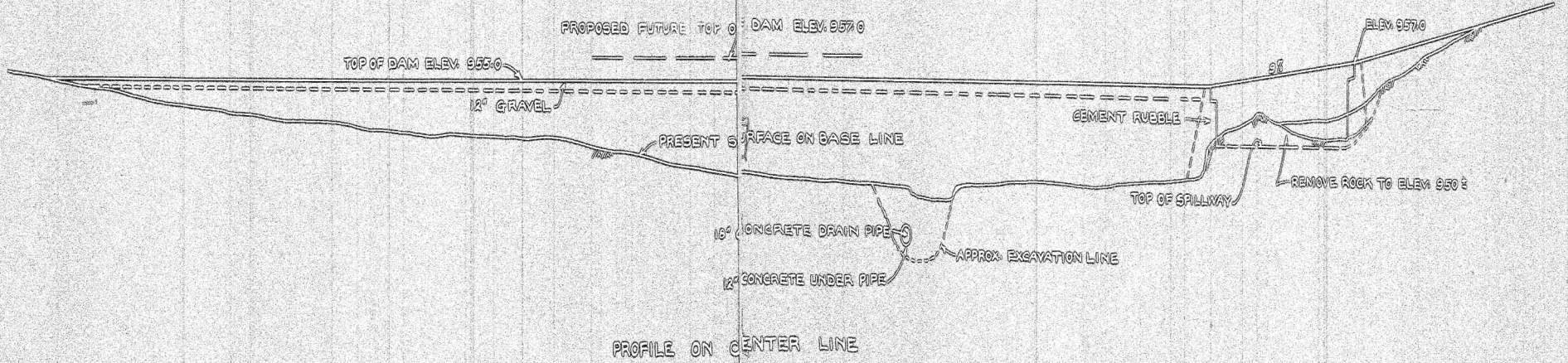
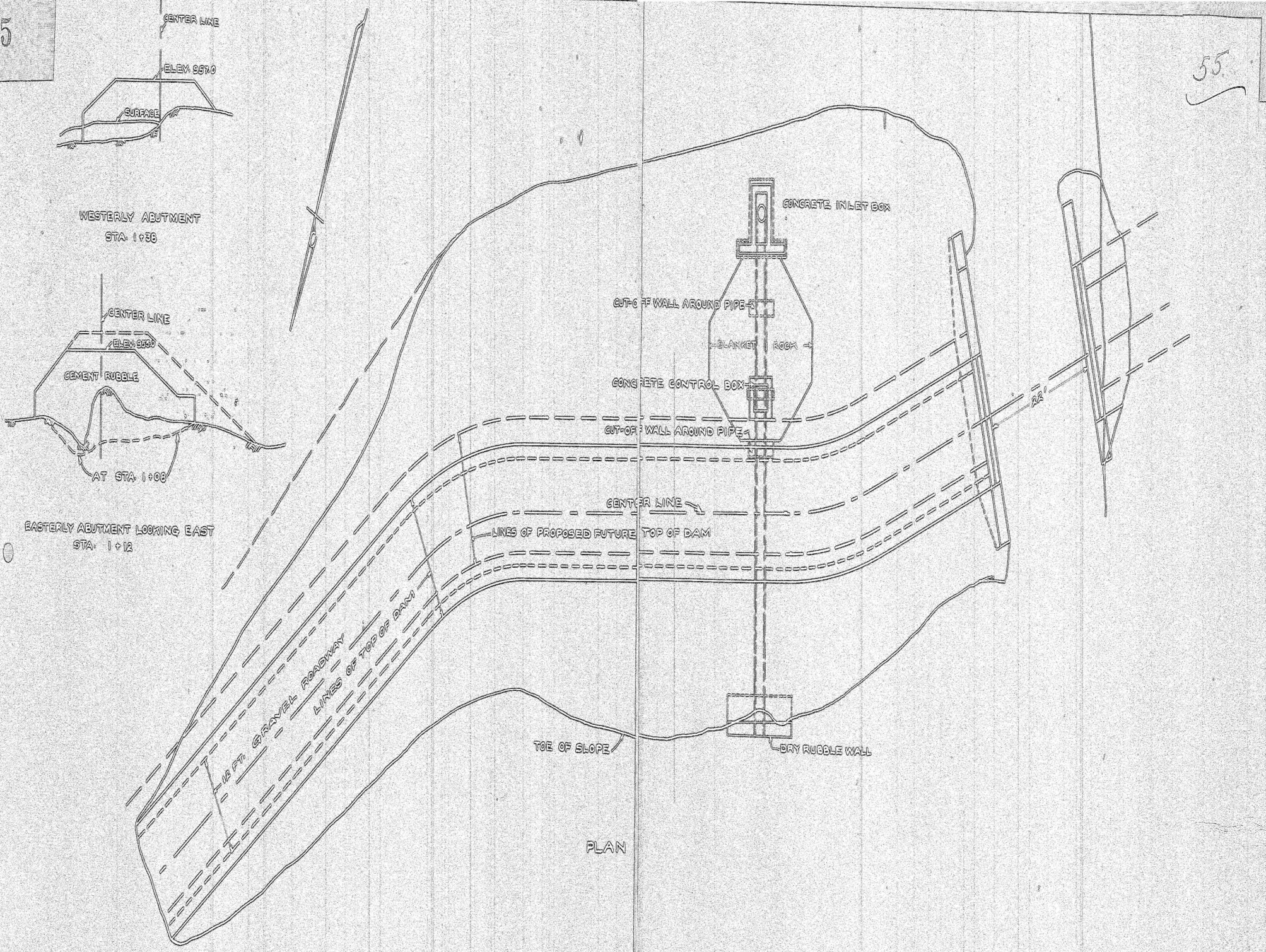


PLAN OF DAM NO 3  
FOR  
A.D. NORCROSS  
ON  
VINECA BROOK-WALES, MASS.  
SCALE 1 IN. = 8 FT. AUG 21, 1940  
J.K. BARKER - ENGR.

Commonwealth of Massachusetts  
Hampden, ss:  
Filed - September 14, 1940  
Attest: Charles H. Calhoun Clerk.  
County Commissioners  
Record Book # 24 Page 82

See County Commissioners  
Book 24 Page 82





TYPICAL SECTION STA. 0+40

PLAN OF DAM NO 3  
FOR  
A.D. NORCROSS  
ON  
VINECA BROOK-WALES, MASS.  
SCALE 1" = 10 FT. AUG. 21, 1940  
J.K. BARKER - ENGR.

APPROVED  
October 16, 1940  
Charles W. Tracy  
Chairman  
Edward J. Stapleton  
County Commissioners

Commonwealth of Massachusetts  
Amended, ss:  
Filed - September 14, 1940  
Attest: Charles W. Callahan, Clerk.

See County Commissioners Book 24 Page 82



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***Description of Plan Group:***

West Street (Old Rte 2) along Westover Field

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***Date of Plan:*** 1940

***Date Plan Approved:*** 1940

***Highway Book #:*** ch11

***Highway Page #:*** 056

***Commissioners Reference Book #:***

***Commissioners Reference Page #:***

***Public Notes:***



**Plan Original Book and Page:     ch11056**

**Name of specific Plan:**

**West Street (Old Rte 2) along Westover Field**



<b>Category</b>	<b>Index</b>
<b>Abutters</b>	<b>Northeast Airbase</b>
<b>Abutters</b>	<b>USA War Department</b>
<b>Abutters</b>	<b>Westover Field</b>
<b>City/Town</b>	<b>Ludlow</b>
<b>Streets</b>	<b>West Street</b>

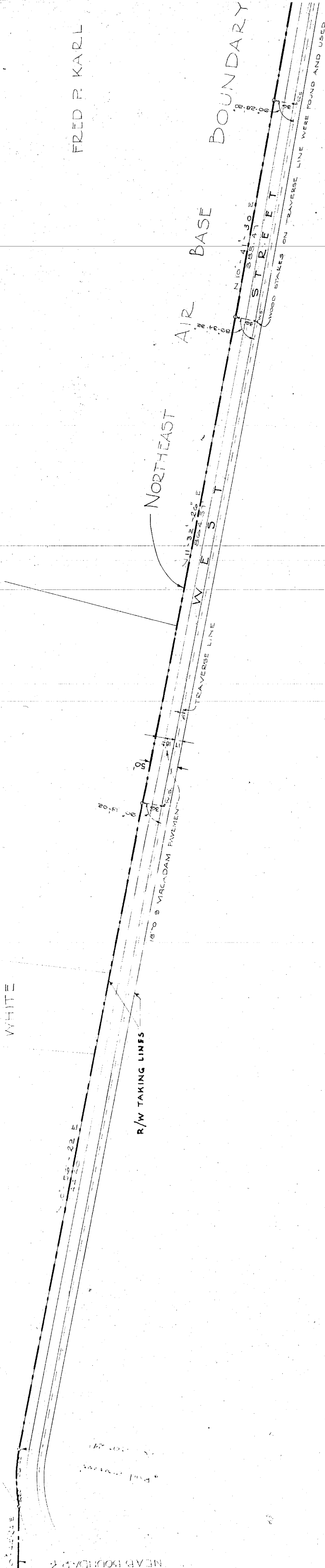


JOHN WHITE

HELEN M.  
WHITE

R. SAMUEL WHITE

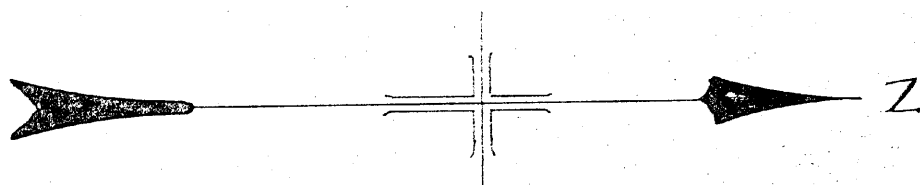
FRED P. KARL



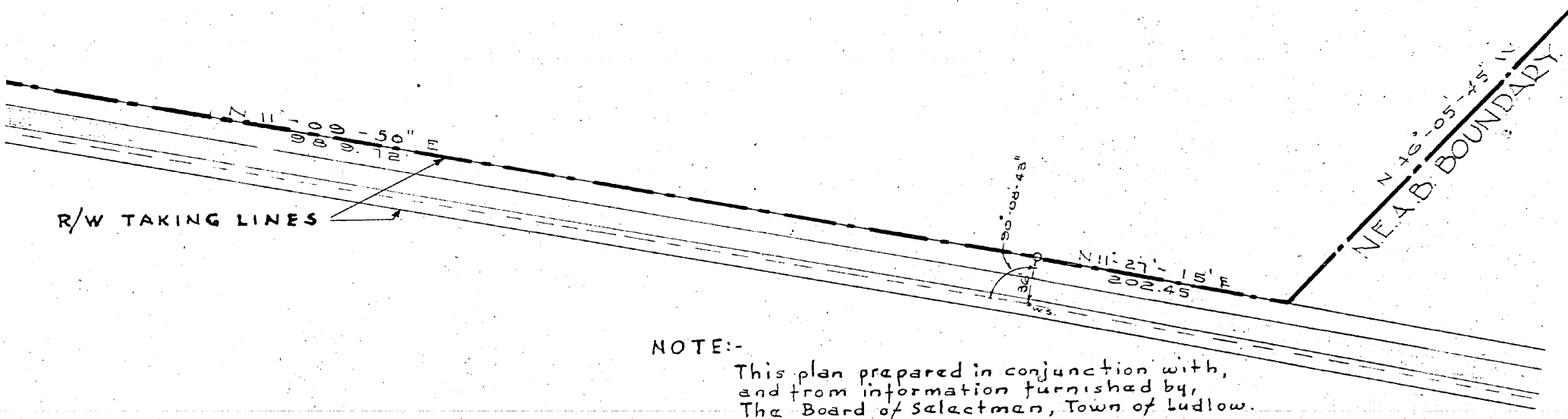
Commonwealth of Massachusetts  
Hampden, ss: November 6, 1940  
Approved as a portion of the report  
of that State in the Town of Ludlow.

Charles M. Bray } County  
John H. Goffette } Commissioners  
Edward J. Stapleton

Surveyed and computed by F. M. Beesley & S. N. Pilgion.  
Sept. 30, 1940



NOTE: Bearings shown are based on True Meridian.



NOTE:-

This plan prepared in conjunction with,  
and from information furnished by,  
The Board of Selectmen, Town of Ludlow.

Revision 'A': All bearings increased 10" to the East.

SCALE

1"=100'

REVISIONS

A' 10-2-40 C.E.A.

WAR DEPARTMENT  
OFFICE OF CONSTRUCTING QUARTERMASTER  
NORTHEAST AIR BASE  
CHICOPEE FALLS, MASS.

PLAN SHOWING RIGHT OF WAY LIMITS FOR  
A PORTION OF WEST ST. IN TOWN OF LUDLOW  
WHERE WESTERLY R/W LINE COINCIDES  
WITH PORTION OF EASTERLY BOUNDARY  
OF WESTOVER FIELD.

DRAWN BY:

CHECKED BY:

APPROVED:

DATE:

10-4-40

R.R.

TRACED BY:

APPROVED BY:

M. A. MOFFETT

DRAWING NO.

R.R.

CONSTRUCTING QUARTERMASTER

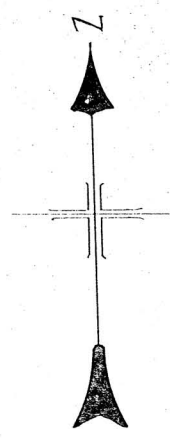
NEAB-287

56  
96

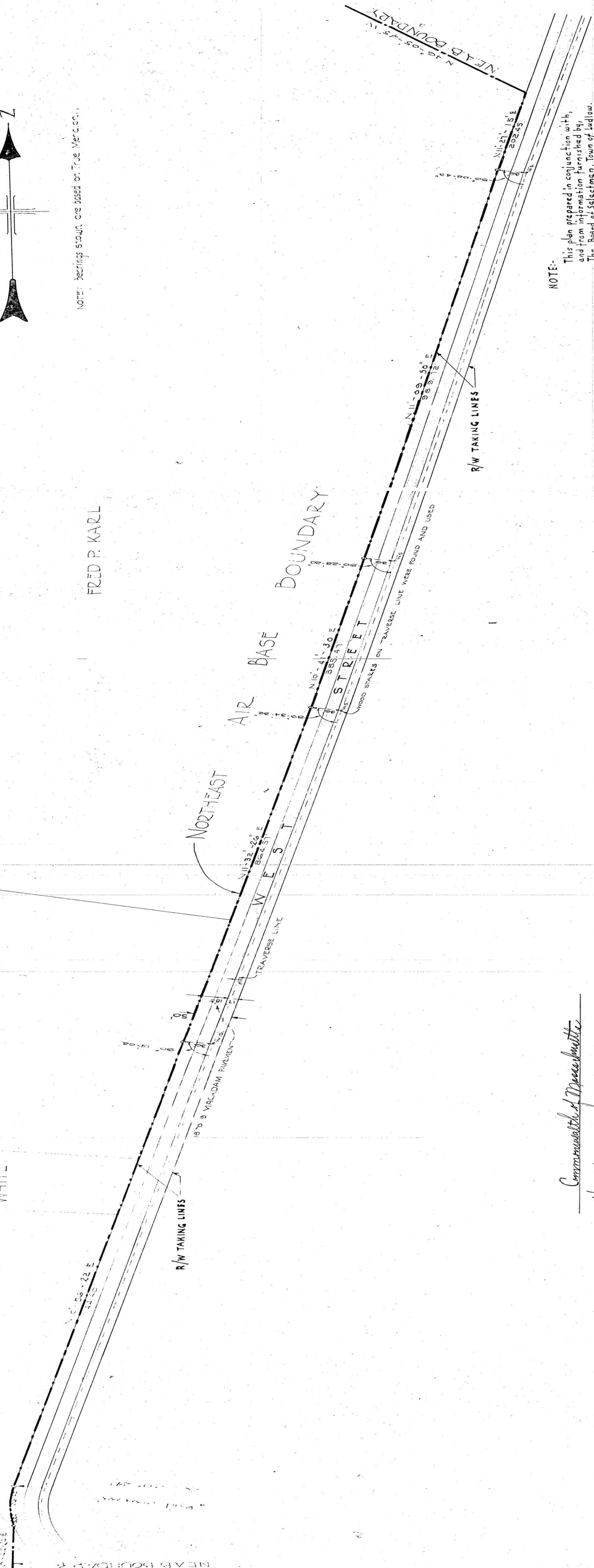
R. SAMUEL WHITE

HELEN M.  
WHITE

FRED P. KARL



NOTE: Bearings shown are based on True Meridian.



Commonwealth of Massachusetts

Worcester, ss: November 6, 1940

Ordered as a portion of the petition  
of that State in the Town of Ludlow

Charles W. Torrey County  
Edmund J. Torrey Commissioner

Surveyed and computed by F. M. Beesley & S. N. Pilgion.

Sept. 30, 1940

NOTE:-

This plan prepared in conjunction with,  
and from information furnished by,  
The Board of Selectmen, Town of Ludlow.

SCALE:  
1"=100'

WAR DEPARTMENT  
OFFICE OF CONSTRUCTING QUARTERMASTER  
NORTHEAST AIR BASE  
CHICOPEE FALLS, MASS.

PLAN SHOWING RIGHT OF WAY LIMITS FOR  
A PORTION OF WEST ST. IN TOWN OF LUDLOW  
WHERE WESTERLY R/W LINE COINCIDES  
WITH PORTION OF EASTERLY BOUNDARY  
OF WESTOVER FIELD

DESIGNED BY: CHECKED BY: APPROVED BY: DATE: 10-4-40	DESIGNED BY: DATE: 10-4-40
R.R. [Signature]	R.R. [Signature]
CONSTRUCTING QUARTERMASTER	CONSTRUCTING QUARTERMASTER

WEAB-287